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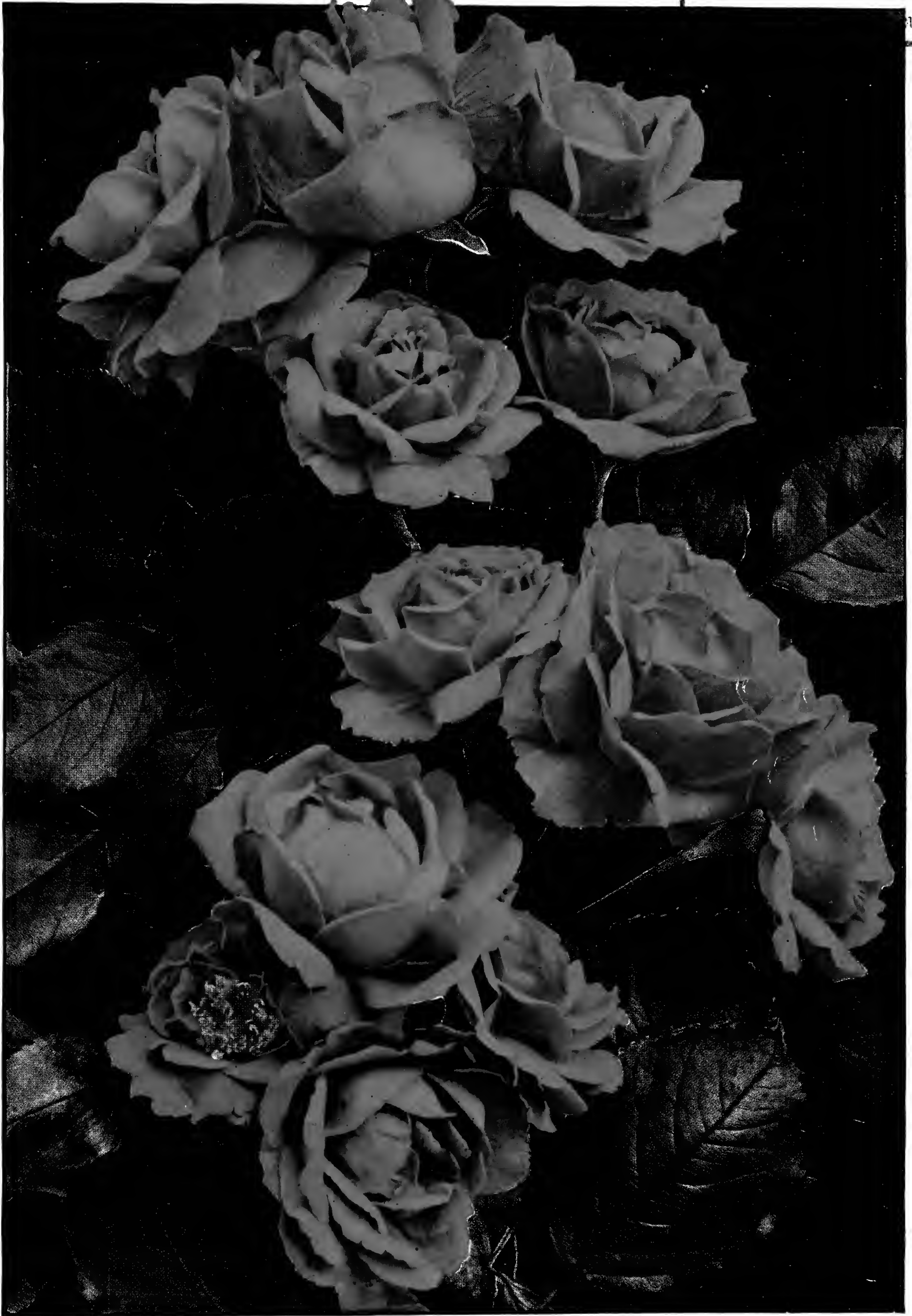




INDEXED  
**1933 YEAR BOOK**

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★ FEB 7 1933 ★

culture.



*Plant Patent No. 10*

**NEW CLIMBING ROSE, BLAZE**

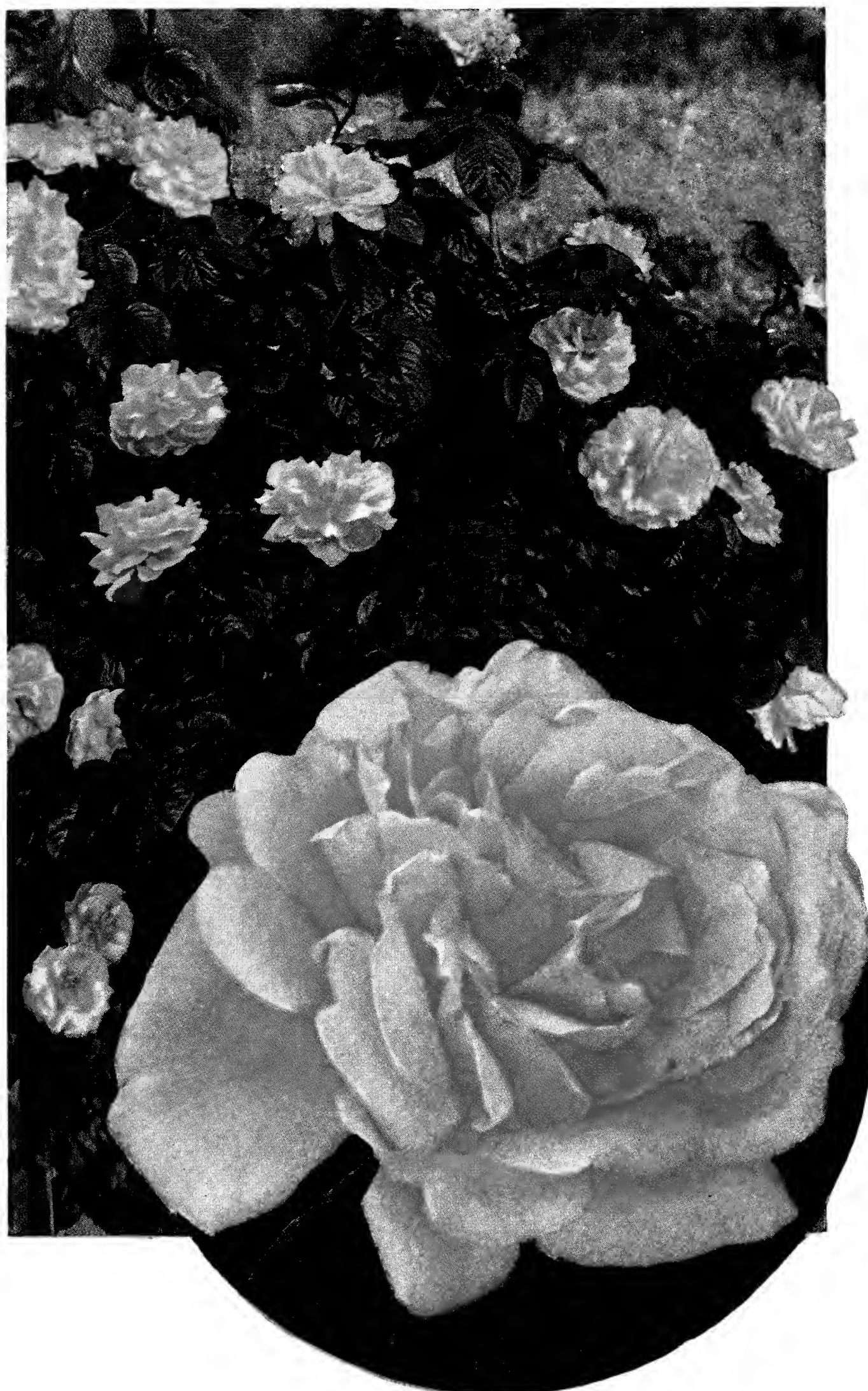
*See Description and Price on Page 22*

**STATE NURSERY & SEED CO.**  
**HELENA**      Established in 1890      **MONTANA**



# New Hardy Rugosa Rose Vanguard

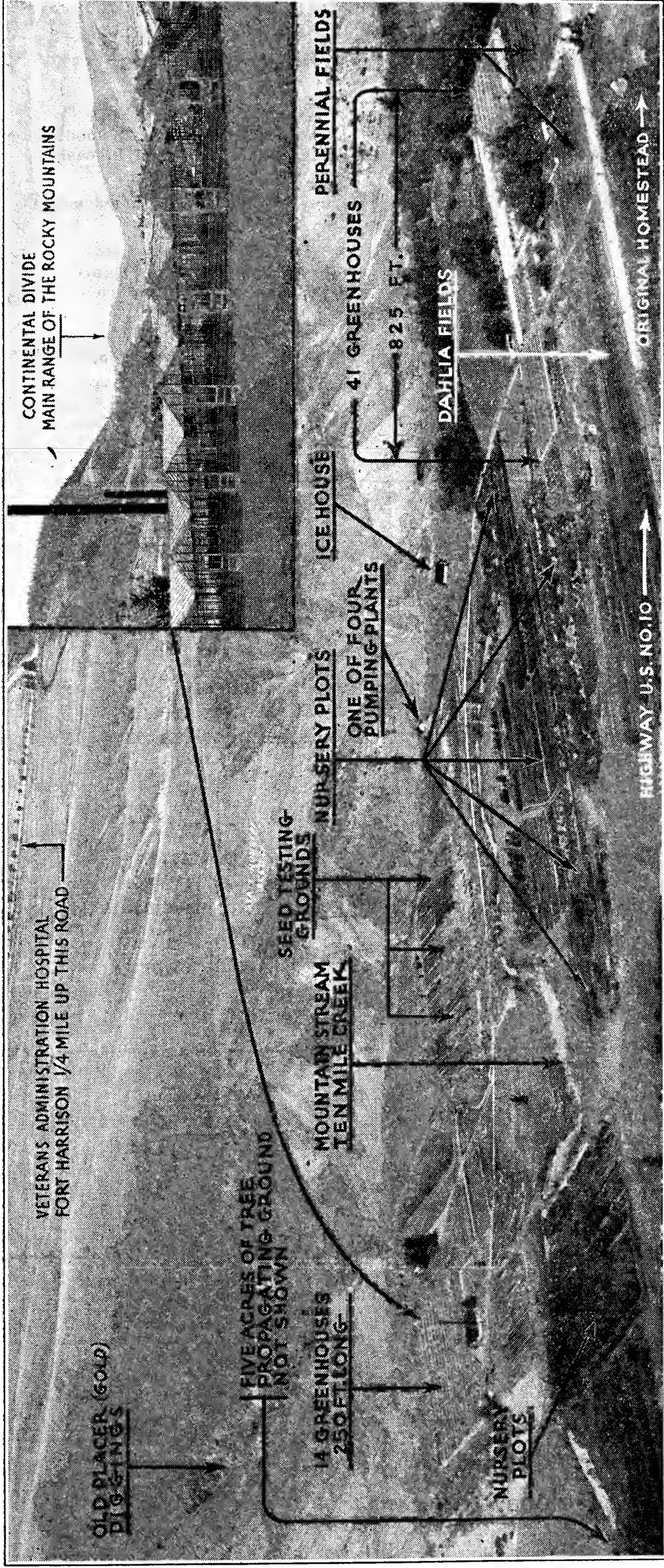
|||  
**We  
Offer  
You  
This  
Fine  
New  
Rugosa  
Rose  
at  
\$2.50  
Prepaid**  
|||



|||  
**We  
Offer  
You  
This  
Fine  
New  
Rugosa  
Rose  
at  
\$2.50  
Prepaid**  
|||

This is a new color in the Rugosa tribe. Orange salmon and gold with flowers much like those of a hybrid Tea rose. It is a hybrid Rugosa. A very strong and vigorous grower and very hardy as are all the Rugosa roses. They are among the few that will endure our Northwest climate without protection. We are always on the lookout for new ornamentals that will prove hardy in the Northwest and are pleased to be able to introduce to this section this rose and the one on the front cover. We wish to remind you that these roses will be shipped with a ball of earth insuring growth and that they are delivered prepaid to you.





A Birdseye View of Our Mammoth Nursery and Greenhouses Only a Few Miles from the Continental Divide, Over 4,000 Feet Above the Sea. This picture does not include the hundreds of acres of land where our Registered and Standard Seed Grains are grown.

## You Are Interested In What Grows Best In Montana and the Rocky Mountain Region

Our forty-three years' experience in Montana has enabled us to grow and select for you, varieties and strains of Field, Vegetable and Flower Seeds, Trees, Shrubs and Plants that are hardy and adaptable to conditions in Montana and the Northwest.

The Peerless Quality of Our Seeds and Nursery Stock is Unchanged and Our NEW LOW PRICES are Sensational

## STATE NURSERY AND SEED CO.

**T. E. MILLS**  
President and General Manager

**WALTER CARD**  
Secretary and Treasurer



## A Page of Information on How to Order from this Year Book

**OUR TERMS**—With customers not having established credit are strictly cash. Goods will not be sent C. O. D. unless a deposit of one-fourth of the amount is paid in cash with order.

**WE PAY DELIVERY** charges on all Plants, Trees, Shrubs, Bulbs and Roots except Evergreens, when purchased at Year Book price, unless, as in a few instances, items are marked not prepaid.

**HOW TO SEND MONEY**—Remittances should be made by Postoffice or Express Money Orders, Bank Drafts, or cash can be sent in a registered letter. Personal checks are accepted and stamps can be sent for small amounts.

**USE ORDER SHEET**—Enclosed in this Yearbook you will find them. Instructions for their use are printed on them; they simplify ordering. **Keep a copy of your order.**

**ORDERS ARE PROMPTLY FILLED** and as far as practicable in rotation. Order early. All orders not shipped on day of receipt are acknowledged by a postcard giving the number of the order on our files. Refer to this number in writing about your order.

### SPECIAL PREMIUM ❖ ❖ ❖

For Early Orders Received Before April 1st

#### Free ❖ ❖ ❖

with every cash Flower or Vegetable Seed order of \$1.00 to \$5.00 we will send you a collection of Flower Seeds (value 25c), and all cash orders over \$5.00 a collection of Seeds (value 50c).

#### Free ❖ ❖ ❖

with every cash order for Plants, Trees and Shrubs amounting to over \$5.00 we will include one Villosa Lilac (value \$1.00) (a Lilac which has created unlimited enthusiasm).

These Free Premium Offers apply only to orders of Flower and Vegetable Seeds and Plants and Nursery Stock as a reward for **EARLY ORDERS**.

**YOUR NAME AND ADDRESS**—Write your name, postoffice and state and nearest express station plainly; give complete directions as to nearest express station, postoffice or freight depot. Where none are given we route goods at buyer's risk.

**PARCEL POST**—Most Plants, Seeds, Bulbs and smaller Trees and Shrubs can be sent by parcel post. All poisonous insecticides are unmailable. We cannot, however, be held responsible after delivery to the postoffice or express office. If Plants are desired sent by parcel post in pots extra cost must be allowed for packing and postage. Table of postage rates given in back of book.

### IN COMMON WITH ALL AMERICAN SEED HOUSES

**WE DO NOT WARRANT**, in any way, expressed or implied, the contents or the description, quality, productiveness or any other matter of any Seeds, Bulbs, Plants, Shrubs, Trees or Vines sold by us, and will not, in any way, be responsible for the crop. If the customer does not accept these goods on the above terms, no sale is made thereof, and he must return them at once and money will be refunded. Subject to the above conditions, we make this sale at the new low prices herein quoted.

## State Nursery and Seed Co.

Nurserymen ❖ Seedsmen ❖ Florists

Helena, Montana



# PLANTS FOR THE HOME AND GARDEN

## PLANT TYPES

Our 43 years' experience of dealing with plant life in the Northwest has enabled us to select for you types of plants that will thrive under conditions found in Montana and the Northwest.

## HOW WE SELECT AND FILL YOUR ORDER

We use every care and precaution to select only plants that are in the best of condition and to pack them so that they are certain to arrive safely at their destination. Our various growing ranges, Nursery plots and packing sheds are in charge of experts in their lines and our patrons may be assured that every effort will be made to make their dealings with us both pleasant and satisfactory. The size named in plants, such as 3 inch and 4 inch, etc., refers to the size of the pot in which the plant is growing at the time. Plants are generally taken from their earthen pots and packed in paper pots for shipment.

## OUR GUARANTEE ON POTTED PLANTS

All shipments of plants from this department are guaranteed to reach their destination in good condition. Our customers should advise us if delivery is not made within a short time after our notification card of shipment has reached you. Examine all plants carefully upon arrival and report immediately any that are damaged or in poor condition. After safe delivery in good condition we do not assume responsibility for future growth or failure.

## Abutilon or Flowering Maple

Popular house plants, flowering profusely during the winter and early spring months.

**Splendens**—A handsome rose color.

**Pink Beauty**—Pale pink.

**Savitzi**—A variegated foliage.

**Golden Fleece**—Pure yellow.

**Crusader**—A brilliant red.

**Snowdrift**—A beautiful pure white sort.

Any of the above varieties, each, 3-inch, 30c; 4-inch, 40c; entire collection of 6 varieties, \$1.50.

## Agathea

**Coelestis (Blue Daisy)**—A beautiful plant with dainty sky-blue flowers with a yellow disk. A house plant flower lovers will want. Each, 3-inch pots, 25c; 4-inch pots, 40c.

## Ageratum

This is a Mexican flower. An excellent potted plant and fine for bedding, having large clusters of beautiful blue flowers. Each, 15c; 3 for 40c.

## Aloysia (Lippia) Citriodora

**Lemon Verbena**—An old favorite and should be in every garden. Lemon scented foliage. Each, 25c and 35c.

## Alyssum

(Ready about May 1)

**Alyssum, Double**—An excellent variety for borders, window boxes, and urns. Each, 10c; doz., \$1.00.

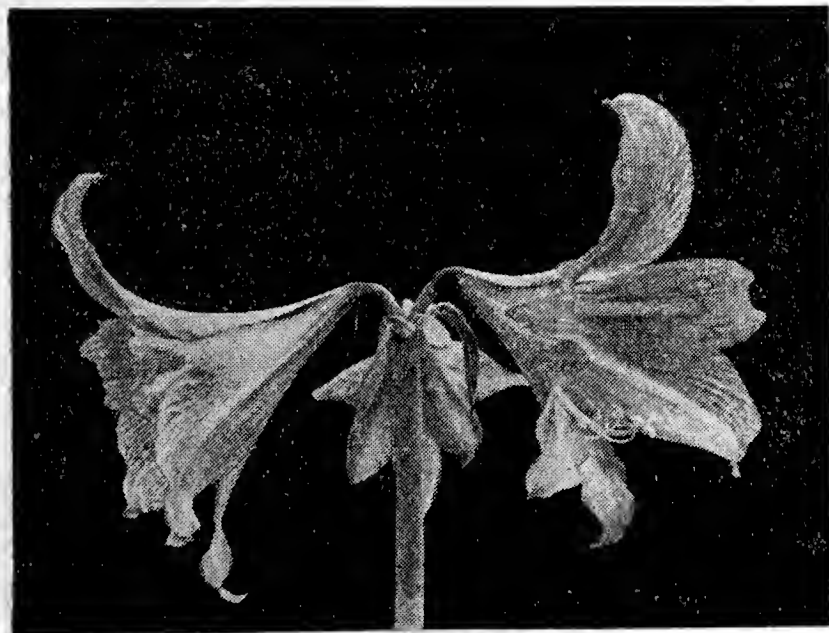
## Anthurium Andreanum

The very peculiar flowers of this choice house plant never fail to attract attention. Price, from 4-inch pots, \$1.25 each.

## Amaryllis—Hybrids

These plants produce blossoms which are wonderfully varied and of brilliant colorings.

Strong growing plants, each, \$1.00.



Amaryllis

## Antirrhinum or Snapdragon

(Ready April to July)

The Snapdragon is well adapted for beds or borders and the flower spikes are fine for cutting. They may be grown from seed, but it is much more satisfactory to get plants that are already started.

Pot plants, ready to bloom, furnished in fiery red, rose pink, light pink, orange, scarlet, yellow and white.

Each, 20c; doz., \$2.00.

Transplanted seedlings, mixed selection of the above colors, fine for bedding.

Per doz., 60c.

## Aspidistra

**Aspidistra Lurida**—One of the easiest decorative plants to grow. A most useful house plant having large green leaves and thriving in a hallway or a comparatively dark place in the room where nothing else will succeed. Each, \$1.00.

**Aspidistra Lurida Variegata**—Similar to the preceding variety but with beautifully striped leaves of white and green. Each, \$1.00.

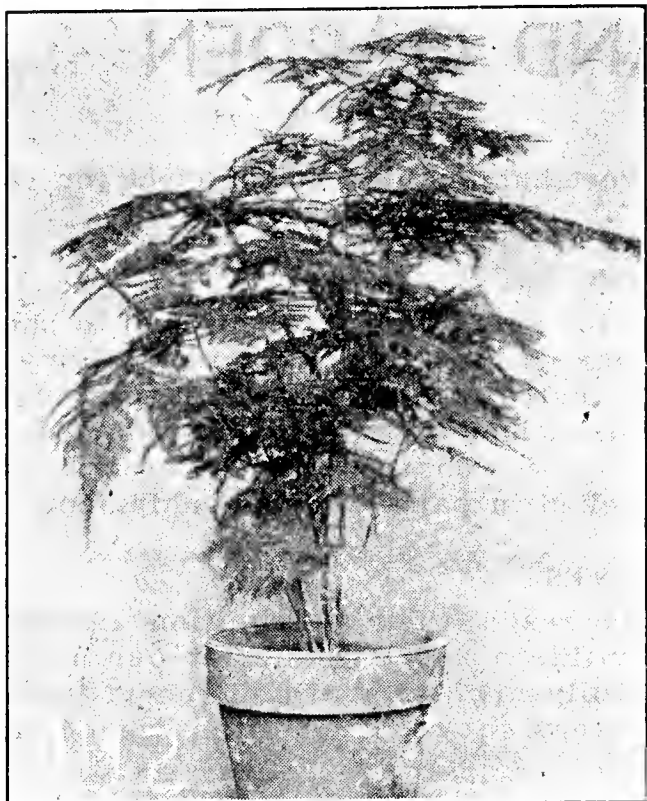
## REMEMBER

that we prepay delivery on all Plants, Trees and Shrubs except Evergreens unless marked otherwise to your nearest Express Station or Postoffice.



Snapdragons in One of Our Greenhouses



**Asparagus Plumosus****Asparagus Plumosus****Fern**

Owing to its graceful foliage and ease of culture, this is perhaps more in demand than any other house plant.

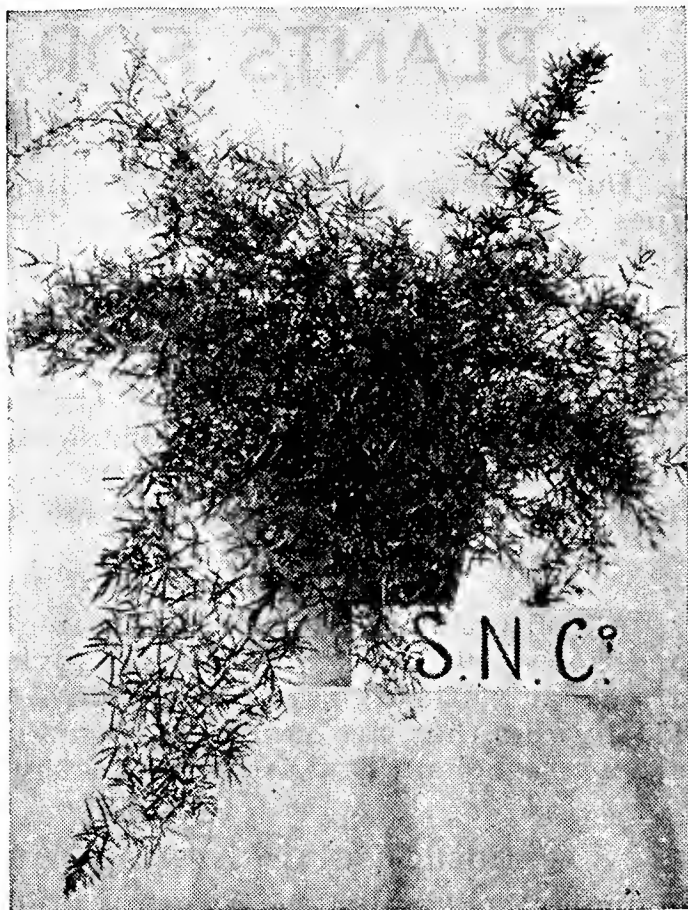
Each, from 3-inch pots, 25c; 4-inch pots, 50c; 5-inch pots, \$1.00.

**Asparagus Sprengeri****Fern****(Emerald Feather)**

Of great value for hanging baskets and for cutting. One of the best plants for window-boxes.

Of very easy culture. Requires only good soil and plentiful watering.

Prices: 3-inch, 25c; 4-inch, 50c; 5-inch, \$1.00.

**Asparagus Sprengeri****Asters****(Ready in May)**

Our strains of Asters are unsurpassed by any and are prize-winners wherever exhibited. While the early varieties may be grown successfully from seed, it has been found to be much more satisfactory to use plants that have been started inside.

Care should be taken in setting out the young plants as the roots are tender and easily broken.

We offer sturdy transplanted plants of the early, mid-season and late-branching varieties. Colors, Pink, Shell-pink, Red, White, Lavender, and Purple. Per doz., 50c.

**Pot Grown Aster Plants**

In addition to the plants listed we are again featuring pot-grown stock in the same colors. These plants will be of sturdy growth and will produce earlier flowers, a distinct advantage in districts subject to early frost. Per doz., \$1.00.

**Begonia, Rex or Painted Leaf Begonia**

Their wonderfully colored foliage never fails to awaken admiration, and they are of easy house culture. The varieties listed below are selected from the finest sorts known.

**Vesandii**—Very showy variety, thick velvety foliage, beautifully marked with bright green and silver with crimson stems.

**Mrs. A. G. Shepard**—Silver leaves marked with other pretty shades.

**Walter Lamb**—Rich green and silvery white.

**Louis Closson**—A beautiful bronze.

**L'Enfant De Nancy**—The same as Magnifica leaves, somewhat lighter in ground color and of a silvery white tone.

**Robert George**—A beautiful variety with finely cut leaves having a silvery green center with the outside edge margined a green and bronze. Each of above varieties, 3-inch, 35c; 4-inch, 50c.

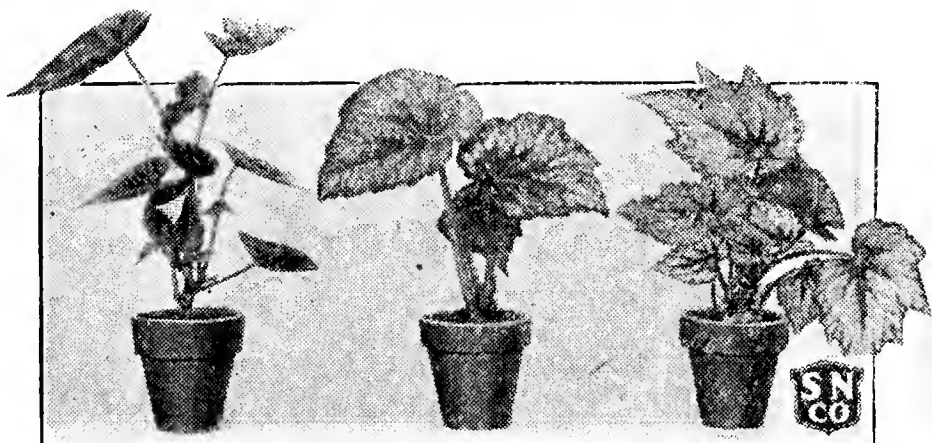
**Baby Tears or Irish Moss**

Dwarf growing plant with a clustering, trailing habit. Foliage small and compact. Ideal for fern dishes and miniature gardens. Each, 25c; 3 for 65c.

**Begonia—Everblooming Type**

This type of Begonia produces the greatest profusion of bloom of any in its family. They are of easy culture and make fine house plants.

**Fire Sea**—An exceedingly floriferous variety with very large dark fiery red flowers. The foliage is reddish green.

**Rex Begonias****BEGONIA—Everblooming—(Continued)**

**Chatelaine Hybrids**—Very similar to the well known Chatelaine, with very large flowers of a brilliant rose color.

**Albert Martin**—A well known variety with bronze foliage.

**Pink Profusion**—A new introduction with slender growth, and small foliage of a light green tinted with brown. Flowers of rich rose borne in wonderful profusion.

**Prima Donna**—Beautiful rose colored blooms, shading to a carmine at the center.

**Lucerne**—One of the finest Begonias known. Foliage bronze, crimson reversed. Has immense trusses of salmon colored blossoms.

**Wellingtoniensis**—An old variety which is again becoming in great demand, with beautiful dark green foliage and pink flowers.

**Sandersonii**—Scarlet, a winter bloomer.

**Argenta—Guttata**—Brilliant bronze green foliage spotted with white with white flowers.

**Thurstonii**—A great favorite with red veined foliage on under side of leaves. Flowers a bright shell pink.

**Rubra**—Deep coral pink flowers, foliage green.

Any of the above varieties, each, 25c, 35c and 50c.

**Everblooming Begonia**



## Begonia—Tuberous Rooted

Our display of Tuberous Rooted Begonias has created quite a sensation each year during the summer season when the plants are in full bloom. With their giant and somewhat delicate blossoms ranging in colors of red, pink, white, yellow, orange and salmon, they are indeed an ideal house plant. We offer the tubers at 25c each; 3 for 65c.

## Campanula Isophila or Star of Bethlehem

Beautiful star-shaped white flowering plants of a trailing habit. The plant is practically covered with blossoms all summer. Fine for hanging baskets, vases, etc. Each, 25c and 50c.

## Cannas

No other bedding plant is as showy as the Canna. It is very easily grown and attains large size in ordinary soil. For best results obtain started plants from our greenhouses and set out when all danger from frost is past, thus gaining additional time for their growth. Set the plants about 18 inches apart in a sunny location and supply with plenty of water and well rotted manure. Take them up immediately after frost kills back the tops and treat as you would Dahlia tubers.

**Ambassador**—Bronze foliage—color poppy red. Flowers brilliant and borne in immense trusses on strong stalks well above the foliage.

**Nokomis**—Large, vivid crimson flowers with a rich silky sheen on the petals. Bronze foliage.

**Mrs. Pierre S. Du Pont**—This new Canna surpasses all other pink varieties. Color a vivid watermelon pink. The wavy or crinkled edge on the petal is a new departure in Cannas.

**The President**—A rich scarlet flower with green foliage. One of the best reds yet introduced.

**Duke of Marlborough**—Green foliage. Flowers a bright crimson maroon.

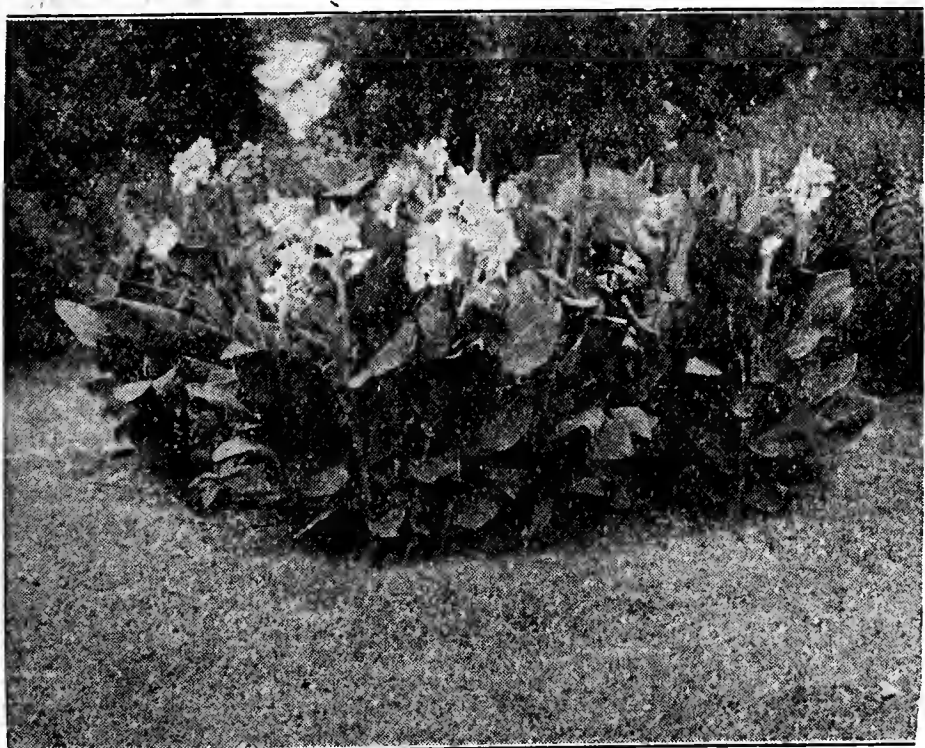
**King Humbert**—The best of the bronze leafed type—with scarlet flowers and beautiful rich bronze foliage.

**Yellow King Humbert**—Flowers a golden yellow spotted with red and green foliage.

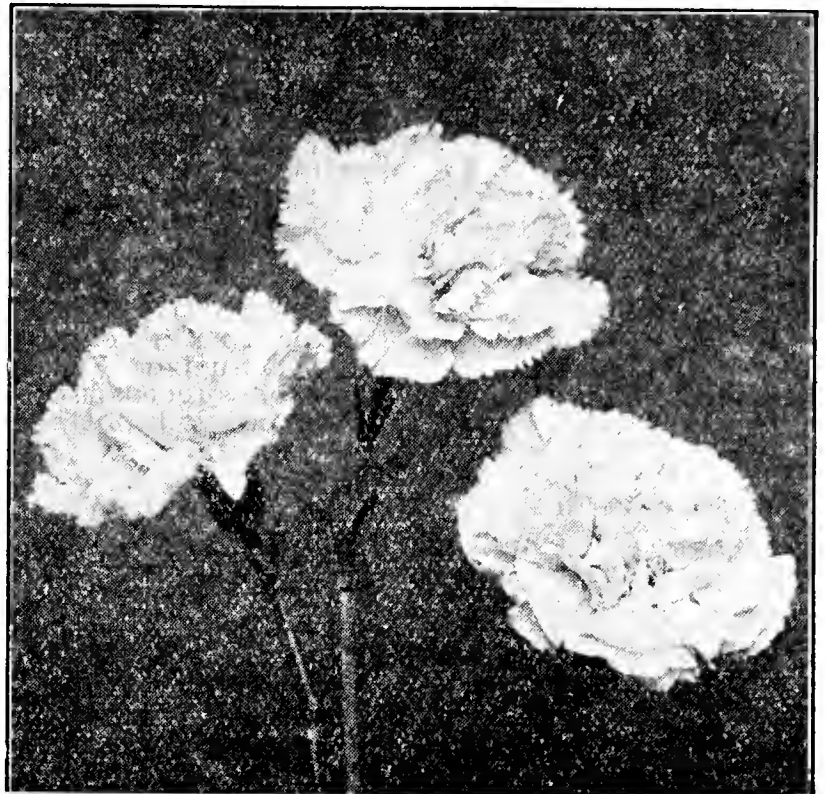
**PRICE**—Fine large, 4-inch potted plants, each, 35c; 6 for \$1.70.

## Carex Japonica

A very colorful grasslike plant of bushy growth having narrow and rather thick leaves which are dark green with a fine white border. Very suitable for fern dishes and for aquariums. Each, 3-inch pots, 20c; 3 for 55c.



Bed of Cannas



Carnation—Senator

## Carnations

To meet our steadily increasing demand, we have devoted an entire range, consisting of fourteen houses each 250 feet long, in which to grow our gigantic stock of 50,000 plants. We have listed the varieties which are leaders in the Carnation world, and young plants of the following varieties can be supplied from March 15th to July 15th.

### STANDARD VARIETIES

**Arctic**—A glistening white — large flowered and sweet scented.

**Betty Lou**—A very attractive deep pink of fine size and form.

**Belle Washburn**—A red of extreme brilliance.

**Hilda**—The most wonderful pink Carnation of a decade. Awarded certificate of merit at the recent American Carnation Society's show.

**Laddie**—A variety of extreme size, 3½ to 4½ inches in diameter. Color, a beautiful warm salmon pink. Has long, strong stems. The Carnation "De Luxe."

**Mrs. C. W. Ward**—A very attractive deep pink of fine size and form. Free bloomer and strongly scented.

**Mrs. C. W. Ward**—(Variegated) — Another variegated variety, attractively blotched and striped with a deep pink on white ground.

**Matchless**—A large pure white, long stemmed and a free bloomer. The petals are attractively fringed and the perfume delightful.

**Peerless Pink**—A very deep pink, flowers large and well shaped. Free bloomer.

**Pink Abundance**—A new beautiful deep pink, rapidly becoming a favorite.

**Pink Spectrum**—A fine new pink which has proved very popular.

**Senator**—One of the newest of the new varieties. A very prolific bloomer bearing glistening white flowers which are exceedingly fragrant.

**Spectrum**—One of the very best reds on the market, having large well shaped blossoms on long stems.

The varieties listed above—each, 20c; 3 for 55c.

### SPECIAL CARNATION BARGAIN

5 Named Varieties Our Selection  
Postpaid to You for Only 75c

## Centaurea (Gymnocarpa) or Dusty Miller

One of the white-leaved Centaureas. Fine for bedding, for vases, hanging baskets and pots; also used extensively for borders. Each, 20c; dozen, \$2.00.





Calceolaria

## Calceolaria

The Calceolaria, more commonly known as the "Fisherman's Basket," is rapidly becoming one of the most popular plants for Mother's Day on the market. With its multitude of vari-colored velvet-like flowers it makes a most acceptable present. The season of the Calceolaria extends from early spring until summer, though the plants are at their best in May.

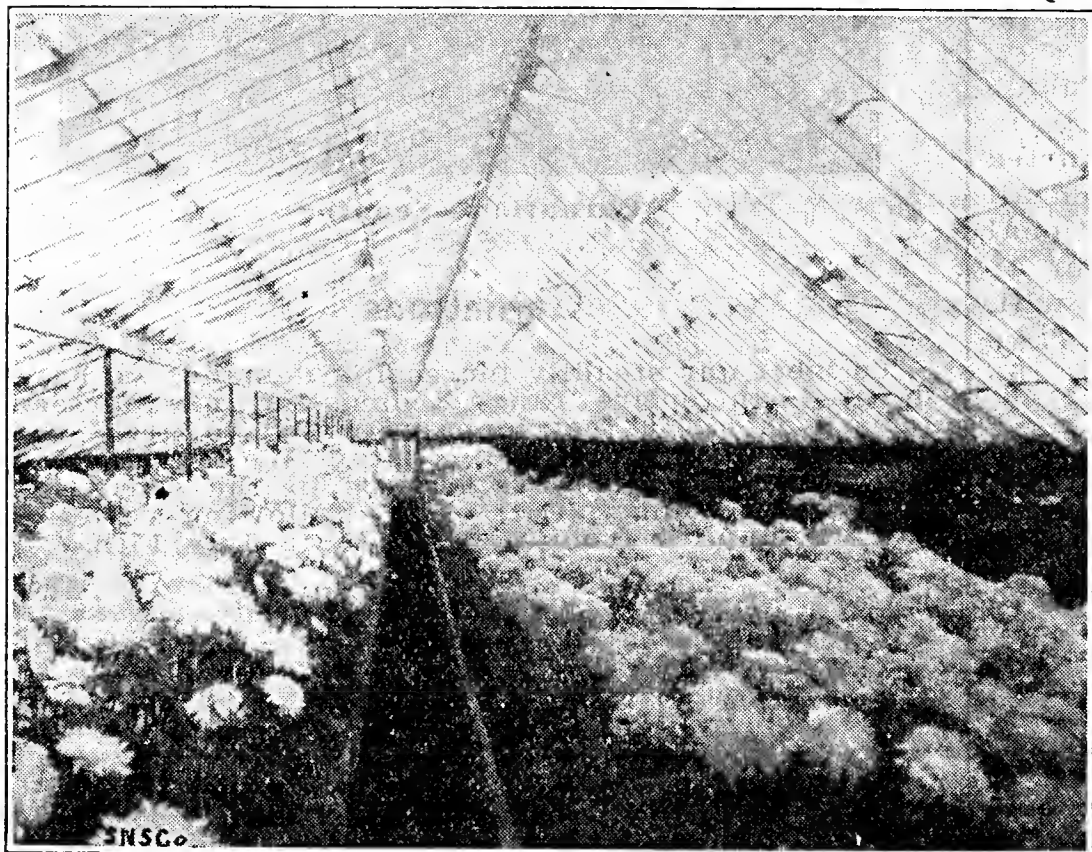
In bloom, each, depending on size, \$1.00 to \$3.00.

## Chrysanthemums

THE CHRYSANTHEMUM is, without doubt, the queen of Autumn flowers. Owing to the early frosts of this section, it is impractical to grow these most beautiful Fall plants to maturity in the open ground. They can, however, be successfully grown in the garden until September when they should be lifted and potted. Then in the house they will give a wealth of blooms and beauty.

### LARGE FLOWERING VARIETIES

**Betsy Ross**—A grand, early mid-season white, one of the finest yet introduced.  
**Golden Mistletoe**—A beautiful Mum with the incurve a deep golden yellow.



One of Our Houses of Chrysanthemums

**Gladys Pearson**—A prolific bloomer, upper surface of petals apricot, underside a distinct buff.

**J. W. Prince**—A leader of the Dark Pinks.

**Maj. Bonnaffon**—A beautiful incurved glossy yellow. One of the best.

**White Chieftain**—Large incurved white. November.

## Pompon Chrysanthemums

The flowers vary in size from ½ to 2 inches in diameter, small petaled, very compact and formal. They are usually in clusters so that when cut one spray forms a bouquet in itself. Very dainty for table decoration. Pompons make ideal house plants.

**New York**—Yellow tinge, with a decided henna center.

**Golden Climax**—A very pleasing shade of bright yellow, medium size and height.

**Veta**—An early white, exhibits a yellow center when it first opens but becomes pure white when fully developed.

**Yuletide**—The latest and best white Pompon known at the present time. Its color is of the purest paper white.

**Mrs. Frank Beu**—The favorite of all the Pompons, color a reddish yellow.

**Lillian Doty**—Large pink, a splendid sort.

**Dorothy Turner**—A fine dark bronze.

### FANCY SINGLE VARIETIES

These have beautiful Daisy-like flowers.

**Mensa**—Purest white, a splendid variety.

**Golden Mensa**—New and proving popular.

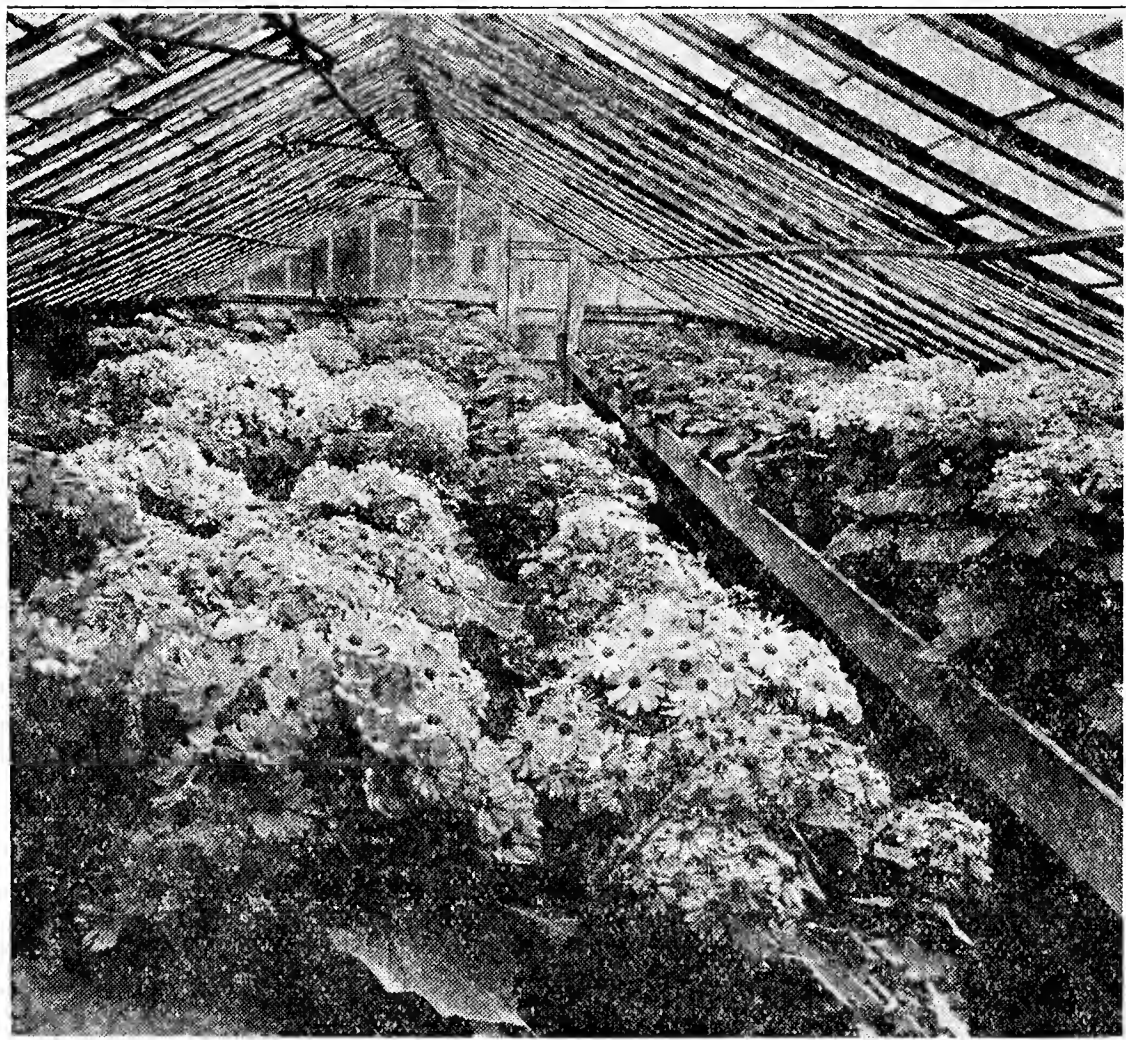
**Prices for Chrysanthemums — Plants ready March to July only: Each, 15c; 3 for 40c.**

## Cineraria

**Cineraria Hybrids Grandiflora**—Cinerarias are magnificent and truly beautiful plants with their rich colorings and delicate fragrance. Our strain is noted for its large flowers of exceptional beauty. The plants are of sturdy and bushy growth covered by massive flower heads in a variety of bright colors. Fine blossoming specimens, 75c, \$1.00, \$1.50 and \$2.00.

## Cereus — Night Blooming

**Nocturno-Greggii**—Often called "Queen of the Night." A very fine, very rare, night blooming cactus variety. The flower opens after sundown and closes before sunrise. It resembles a water lily somewhat and is a pure white in color, is of very delicate structure and emits a most delightful odor. Water plants only once a week and expose them to full sunshine as much as possible. Price, each, from 35c to \$1.50.



A House of Our Cinerarias

Unless Otherwise Directed We Shall Ship All Plants for Outside Planting at

What We Think the Proper Time to Set Out

**REMEMBER**—We Pay Delivery Charges to Nearest Postoffice or Express Station





One of Our Houses of Cyclamen

## Cyclamen

Without doubt the Cyclamen, because of its clean growth, its picturesque appearance and its easy culture, has become the most treasured of winter blooming plants. We have some excellent specimens ranging in color from the purest white to white tipped with pink, through the various shades of pink to the reds. We can supply these plants from November 1st to March 1st and for gift purposes they cannot be excelled. We have selected for seed purposes the finest in color and size of bloom and the most free flowering specimens. Nice blossoming specimens sent anywhere for \$1.00, \$2.00 and \$2.50. The larger sizes are better shipped by express wherever possible.

## Cuphea or Cigar Plant

This plant is covered with bright scarlet flowers and makes a very attractive house plant. They are especially useful for vases or basket decorations. Each, 25c; 3 for 65c.

## Cyperus Alternifolius or Umbrella Plant

An unusually fine plant for decorative purposes of extremely easy culture. Requires plenty of water and may be grown as a semi-aquatic. A splendid plant for aquariums and lily pools. Each, 25c and 50c.

## Coleus

**Christmas Gem**—A beautiful variety with red and maroon-colored foliage and producing enormous leaves, often 5 to 7 inches in length. It attains its full beauty in winter—thus differing from other varieties.

**Trailing Queen**—A beautiful trailing variety, highly colored and very suitable for hanging baskets.

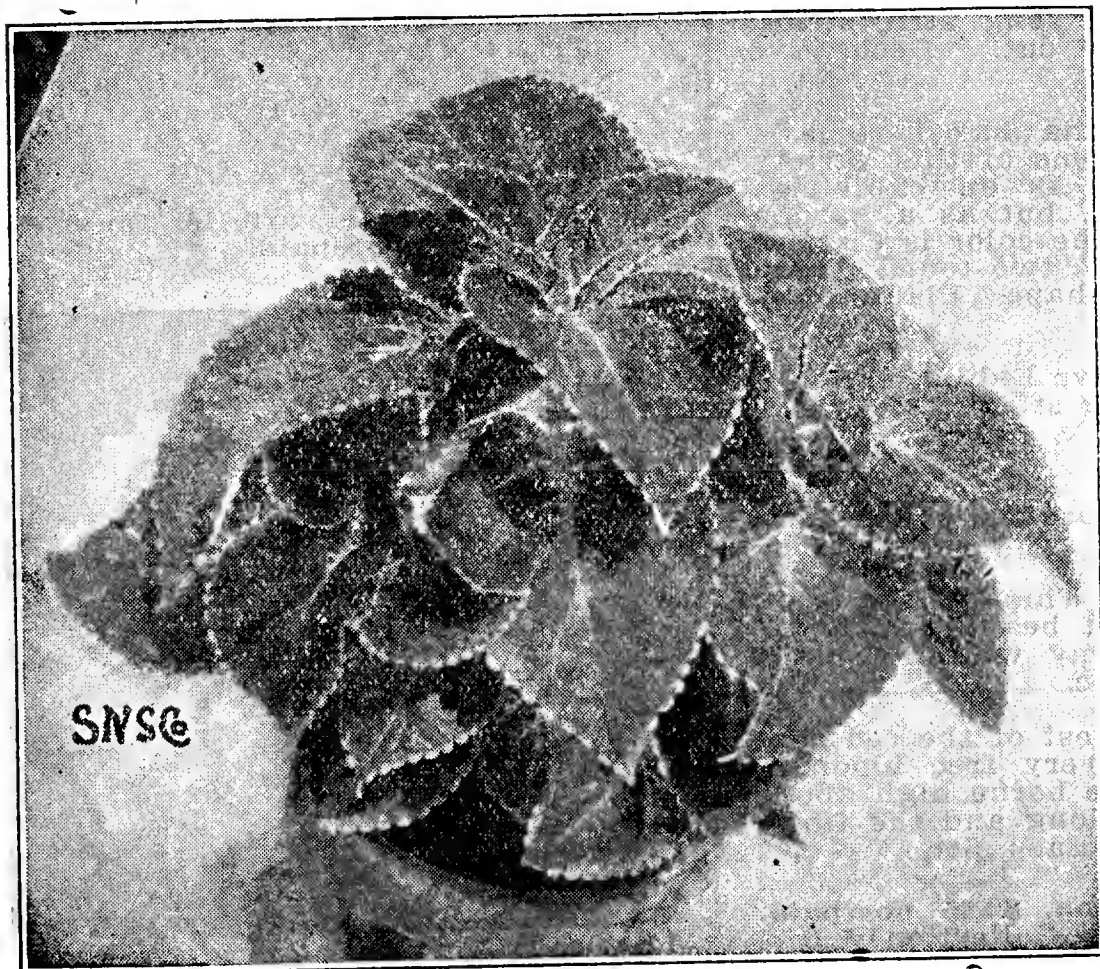
**Dazzling Gem**—Rose pink center, margin of chocolate green, dwarf compact grower, stocky pot plant variety.

**Lord Palmerston**—An excellent beautiful dark velvety maroon center with dark crimson ribs, commanding admiration.

**Queen Victoria**—Remarkably handsome, bright cardinal red with distinct bright golden border.

**Verschaffeltii**—The standard crimson bedding variety.

**Crimson King**—Strikingly handsome, velvet blood red, robust grower, splendid both as pot plant and bedder, does fine in winter boxes placed in sunny locations. Any of above varieties, each, 25c; 3 for 65c; larger sizes, 50c.



Coleus—Xmas Gem

— — — — —  
**DORMANT CYCLAMEN BULBS**  
 We can supply the above from  
 March to July 1st at  
 25c each                      3 for 65c  
 — — — — —



Umbrella Plant



## Our Peerless Montana Grown High Altitude Dahlias

Our stock of "Adapted to the Northwest" Dahlias is better than ever before. Our list contains many of the newer favorites along with the select older varieties. Our Dahlia collections have been chosen with care and our patrons are assured of the highest satisfaction from the efforts of our Famous Blue Blooded Stocks.

### CULTURE

The beds should be in a fully exposed, sunny position, and should be well enriched with rotted manure dug deeply into the soil. After frost danger is past, plant the tubers about two feet apart in holes about four inches deep, laying the tubers flat on their sides. Cultivate regularly and apply a good plant food.

### NOTE—POTTED TUBERS

In some varieties we may have exhausted our supply of tubers and in this case we reserve the right to send Potted Tubers from 4-inch pots. Dahlias grown from cuttings in the spring, potted and planted out in June or July, flower earlier and just as freely as those grown from tubers.



Margaret Woodrow Wilson

### NINE NEW ARISTOCRAT SPECIALS

**Glory of Monmouth**—A beautiful pastel salmon pink. A most unusual Dahlia. Potted Tubers, each, \$1.00.

**Peter Pan**—A wonderful new Dahlia, a bright rich luminous lavender pink color, flowers borne on long strong stiff stems. Fine for exhibition, cut or commercial variety. Plants only, each, \$1.50.

**Marie**—This is a magnificent new Dahlia with a freshness and brilliancy greater than most pink Dahlias. Its color is a luminous pink. Exhibiting large flowers, strong stiff stems and wonderful keeping qualities. Each, 75c.

**Ty Cobb**—It is a wonderful hybrid decorative type, with large flowers. A strong early free and continuous bloomer. Brilliant glowing garnet, shading deeper with a most lustrous sheen; the reflex is a luminous crimson purple. Potted Tubers, each, \$1.00.

**King Midas**—Rated as one of the six greatest of all exhibition Dahlias. Form is perfect, stems long, stiff and straight, holding up giant golden yellow flowers. An extra fine new Dahlia. Potted Tubers, each, \$1.75.

**Jane Cowl**—A deep massive bloom of bronzy buff and old gold. A stem of unusual length and seldom bothered by insects. Potted Tubers, each, \$1.00.

**Peacock**—A fine formal decorative type, color a dark purplish red, shaded maroon, tipped white. Like all variegated flowers, occasionally a flower will come solid color. Potted Tubers, each, \$1.50.

**Pop Stewart**—Beautiful rose and lilac blooms produced on strong stems. Potted Tubers, each, 60c.

**Treasure Island**—A striking Dahlia of exquisite petal formation. The color is apricot and gold and it attains a wonderful size. Potted Tubers, only \$1.50.

### COLLECTION OF ABOVE 9 VARIETIES

Value \$10.60—For \$9.00 Prepaid

### OUR UP-TO-DATE COLLECTION

**Bonnie Brae**—One of the finest decorative types and of intense size. Flowers are a cream shaded blush pink. An exceptionally good exhibition variety. Each, 50c.

**Ellinor Vanderveer**—One of the most admired Dahlias, color lavender-pink, flowers large size, and long stiff stems. Good bloomer and keeps well when cut. Decorative Dahlia. Each, 50c.

**Jersey's Beacon**—Decorative. This Dahlia has become a universal favorite. Some splendid blooms of this variety have been shown the past season. As an exhibition flower it has few equals in its color, but as a garden variety it is even more spectacular. The color is Chinese scarlet, with a paler reverse, giving it a two-toned effect. The flowers are large and globular in shape. Plants only. Each, 50c.

**Cambria**—A very fine all around decorative Dahlia, massive, full of large flowers held erect on long stiff stems, flowers have broad petals of rich rose pink, lighter towards the center. Each, 50c.

**Sanhicans Queen**—A splendid formal decorative color, apricot suffused with carmine. Each, 50c.

**Margaret Woodrow Wilson**—Decorative. This variety is an exhibition type of large size and great beauty. Color is opalescent pink. Face of petals creamy white; reverse, phlox-pink. Medium height. Each, 50c.

**Pride of California**—Without doubt the best of the red decoratives. A vigorous grower and a very free bloomer. The large deep crimson red flowers are borne high above the foliage. The stems are rigid and long and the flowers keep exceptionally well when cut. Each, 50c.

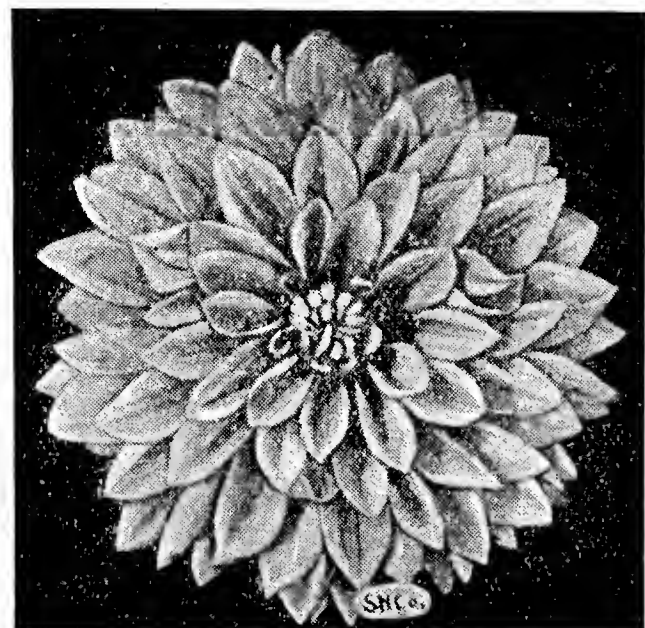
Value \$3.50—Special Price as a Collection, \$2.95 postpaid.  
(May Be Purchased Singly or as a Collection)

### COLOR PLATE OFFER

**Mrs. I. De Ver Warner**—Decorative. A blossom of soft orchid coloring seldom appearing in the Dahlia family. A charming color, large blossoms and very long strong wiry stems. Very free bloomer. Each, 35c.

**Jersey's Beauty**—One of the finest of the pink sorts, having large perfect flowers of erosine pink, carried high above the foliage on long straight stiff stems. Under Montana conditions we consider this to be the perfect Dahlia. Price, each, 45c.

These two fine varieties for 65c prepaid.



Ellinor Vanderveer





Jessie K. Prescott

**Jessie K. Prescott**—Decorative. The color is a deep orange at the center, gradually shading to a creamy orange on the rows of outer petals. The formation is unusual as the long narrow petals have an inclination to roll backward. The tall bushes are branching and productive of masses of splendid flowers with exceptionally long good stems. Plants only. Each, 50c.

**Miss Bridgeton**—Decorative. Deep pink enormous flower, with a suffusion of violet. Vigorous grower; long stiff stem. Has been awarded many prizes. This Dahlia should be grown in every garden. One of the best for general use. Plants only. Each, 50c.

**Margaret Masson**—Decorative. Color a beautiful silvery rose-pink. Flowers of great depth and size held erect on long stiff stems. Wonderful exhibition variety. Plants only. Each, 75c.

**Hercules**—A Dahlia of enormous size. Color is a tangerine and deep yellow. The reverse of the petals is shaded tangerine and they are so placed that they blend in a most attractive way with the deep yellow of the flower. Plants only. Each, 50c.

**Maude Adams**—An early and free blooming sort, white effectively overlaid by delicate pink, undoubtedly one of the finest of the type. Price, each, 50c.

WE DO NOT SACRIFICE QUALITY IN ANY WAY ON OUR  
FAMOUS MONTANA GROWN DAHLIAS AT  
OUR NEW LOW PRICES

### Our Northwestern Gems

**Ballet Girl**—Very large cactus with long, very finely quilled petals. Color orange, tipped white; some flowers solid orange on some plants. Each, 35c.

**Bashful Giant**—Decorative. A gigantic bloom where size is one of the requisites for exhibition. Also of great merit for its beautiful colorings—being apricot with golden shadings—flowers produced on good stout stems. Each, 35c.

**Beatrice Slocombe**—Decorative. A very well built flower of large size. It is an early, continuous and abundant bloomer which makes an ideal garden variety and is highly recommended. The combination of color is very attractive, being a very rich carmine red, blending to old gold and yellow, each petal tipped with gold, making it a most unique and attractive color combination. Each, 40c.



Jersey's Beacon

### TWO DAHLIAS THAT SHOULD BE IN EVERY GARDEN

**Elizabeth Slocombe**—Decorative. The largest and very best of its color. Its gigantic flowers are produced on exceptionally long stems as stiff as canes, making it a much desired exhibition variety. Very vigorous in growth. In color a rich, brilliant purplish garnet in opening, and as the flower matures it fades to an exquisite shade of garnet. Each, 30c; 3 for 75c.

**Jack Rose**—A fine dark red. Very free bloomer and good for cut flowers. Each, 25c.

BOTH SENT TO YOU PREPAID FOR 45c

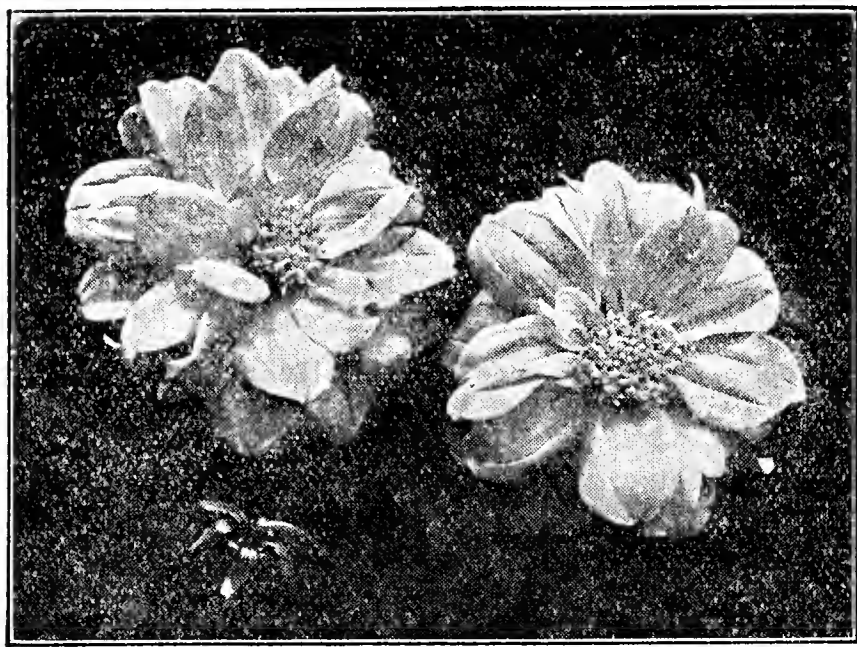
### A BOOK EVERY DAHLIA LOVER SHOULD HAVE DAHLIAS, by F. F. Rockwell

Learn to know the different types of Dahlias and their uses in your garden, how to plant and grow them, what fertilizers to use, how to control pests, how to harvest and store the tubers, grow for exhibition, and how to propagate and hybridize. Brief and practical. 65 illustrations, 80 pages—\$1.00.



Remember—Our Dahlias Are Sent Prepaid





Dahlia—Unwins Dwarf Hybrids

REFER TO INDEX  
FOR DAHLIA SEED

### Dahlia Unwins, Dwarf Hybrids

These bedding hybrids are the outcome of ten years' hybridization and selection. Their freedom of flowering is remarkable; they are semi-double, require no stakes, may be planted 18 to 20 inches apart and average between 18 and 24 inches in height. Excellent for Rock Gardens. Wonderful color shades. Price, each, 20c; 3 for 55c.

#### DAHLIAS NOT CATALOGUED

We have a large list of Dahlias being tested in our fields before cataloguing. Should you have a variety in mind which is not listed we shall esteem it a favor if you will write us regarding it, as we may be able to supply it and quote prices.

### Dahlia Seed

Dahlias are more frequently raised from tubers than from seed. Yet it is very interesting to grow them from seedlings for there is always the chance of getting something novel and distinct among them. Seeds may be sown outdoors in May.

If you are contemplating starting a Dahlia garden we shall appreciate your putting confidence in our Mr. Eger, our Dahlia expert, who will select suitable varieties true to name and give you a collection of which you will be proud and which will be a credit to ourselves. Just state the amount you wish to spend and we will do the rest.

## OUR BARGAIN DAHLIA OFFER

### Four Choice Named Varieties

"All Different"

Selected by Us

DELIVERED PREPAID TO YOU

For Only 85c

### Show and Decorative Types

**Judge Marean**—Decorative; very large flowers of perfect type and difficult to describe, produced on strong stiff stems, a blending of glowing salmon pink, red, iridescent orange, yellow, and pure gold. Each, 40c.

**Paul Michael or California Gold**—A pure gold or deep orange buff colored decorative of immense size. Each, 40c.

**The Grizzly**—Decorative. The richest deep velvety maroon Dahlia yet produced. Each, 35c.

**Elsie Burgess**—One of the very best. Free flowering, producing great masses of blooms on stiff stems. Color delicate white tipped with lavender. Each, 30c.

**Le Grand Manitou**—A gigantic flower of white, striped and splashed with reddish violet. The largest decorative Dahlia. Each, 35c.

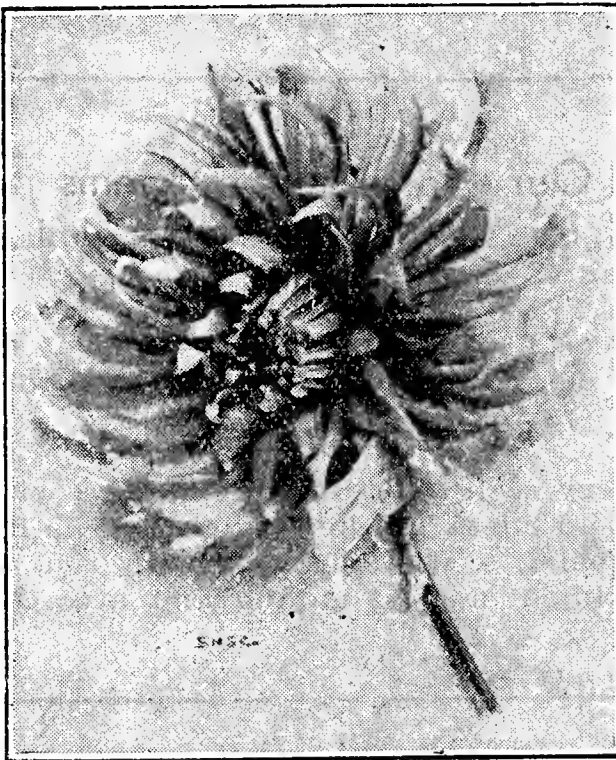
**Lucy Fawcett (Fancy Show)**—Large, full, heavy, with well-opened quills. Pale straw color, indefinitely dusted and splashed with tender rose to carmine. Each, 25c.

**Purple Manitou**—A very fine well-shaped flower with good stems and an excellent bloomer. Each, 35c.

**Stradella**—Rich deep purple crimson. Very free flowering with long stems. Each, 25c.

**A. D. Livoni**—Warm rose-pink, perfect flowers, with quilled petals which nearly overlap at the ends. Each, 25c.

Collection of one of each of the above  
9 varieties for \$2.50



Ballet Girl

### Cactus Dahlias

**Ballet Girl**—Very large cactus with long, very finely quilled petals. Color orange, tipped white; some flowers solid orange on some plants. Each, 35c.

**Countess of Lonsdale**—A very popular variety. Longest season and freest bloom of any Cactus type; flowers very large, complete and perfect. Color exquisite blending of amber and salmon-pink. Each, 25c.

### Pompon Dahlias

The Pompon Dahlias are small flowered Dahlias, usually of the show type of flower, and are exceedingly floriferous.

**Bobby**—Plum color. One of the best. Each, 25c.

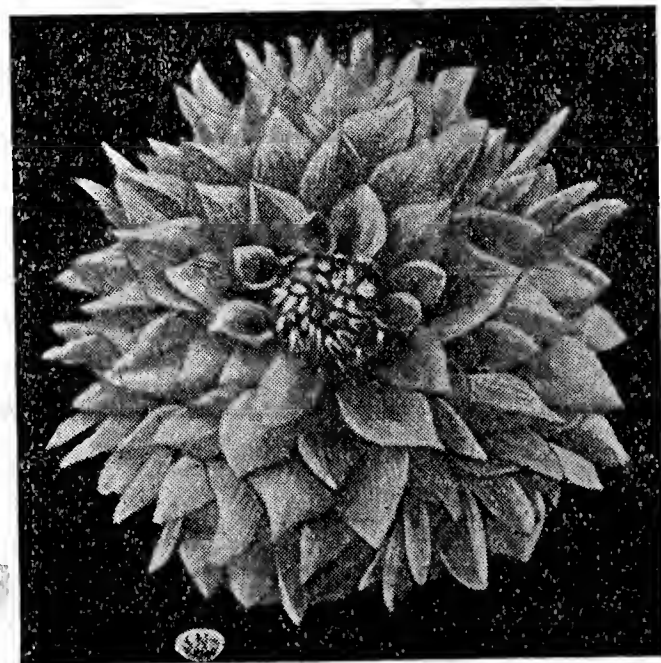
**Snow Clad**—A small pure white of great beauty. Each, 25c.

**Golden Gem**—Bright yellow. Each, 25c.

**Challenge**—Red and white. Each, 25c.

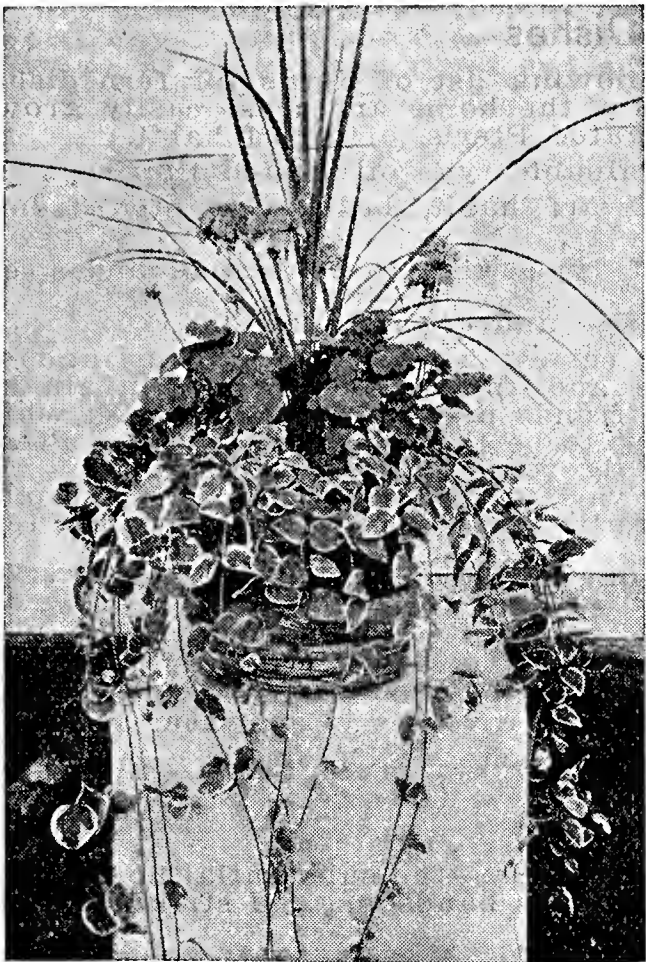
**Fascination**—Pink and lavender blotched with white. Each, 25c.

1 each of above 5 varieties, \$1.00 prepaid



Pride of California





“Japanese Tub”

Decorated Japanese Tubs

Our decorated Japanese Tubs are becoming more popular each year. They are filled with combinations of plants, ferns and vines to your instructions or left to our judgment. A beautiful all-season decoration in the cemetery and fine for porch pillars. Two beautiful arrangements \$5.00 and \$7.50 F. O. B. Helena. Empty Japanese Tubs at \$1.50 each F. O. B. Helena.

Ferns

We devote two entire houses to the growing of Ferns and have at all times a good stock of the very finest. We make a specialty of these plants in suitable gift sizes and annually send out thousands to our patrons. If you are planning on a Fern for a friend just tell us the amount you wish to spend and you can rely on our sending a plant that will be a joy to them and a credit to ourselves.

Boston Ferns

**The New Colorado Boston Fern**—This new creation originated in Denver, Colorado, and is rapidly mounting to fame throughout the country. Price, each, 4-inch pots only, 75c.

**Nephrolepis Bostoniansis**—(Boston Fern)—This is the general favorite with all lovers of house Ferns. To meet the constant demand for plants suitable for presentation to friends, we have a “SPECIAL” in this type at \$1.00.

**Prices:** 3-inch pot, 30c; 4-inch pot, 50c; 5-inch pot, \$1.00; 6-inch pot, \$1.75. In addition to the above we have some exceptional plants suitable for gift purposes at \$2.00, \$2.50 and \$5.00.

Fancy Bostons

**Nephrolepis Elegantissima (The Tarrytown)**—One of the family of fancy Bostons. Grows very compact with fronds wider at the base than the regular Bostons.

**Nephrolepis Whitmani**—(Ostrich Plume Fern)—Unquestionably a valuable Fern of its type. They are graceful beyond description, feathery, plummy and nothing describes them better than Ostrich Plume.

**Prices of the Above Two Ferns:** 3-inch pot, 35c; 4-inch pot, 50c; 5-inch pot, \$1.25.

**Pteris Tremula**—Commonly called “Lace Fern.” This is one of the best known of the family, and the strongest grower, the fronds on a well-developed specimen often attaining a length of three feet. Each, from 2½-inch pots, 30c; from 3-inch pots, 45c; from 5-inch pots, \$1.00; from 6-inch pots, \$1.75.

Holly Ferns

**Cyrtomium Falcatum**—Very suitable for Fern Dishes and makes a perfect specimen plant. The leaves are thick and a beautiful holly-green color. Each, 25c, 45c, \$1.00, \$1.50.

**Cyrtomium Rockfordianum**—The Improved Holly Fern. The leaves are pointed and notched, resembling Holly leaves. A splendid Fern for the house. Each, 25c, 45c, \$1.00 and \$1.50.

Dracenas

**Indivisa**—This variety is used extensively as a center plant for vases, porch and window boxes, etc. Each, 50c and \$1.00.

**Wolsley**—One of the very finest highly colored varieties, having deep bronze and red broad foliage. Each, \$1.50.

**Terminalis**—Ribbon-like leaves of richest shades and colors. Enjoys the sun and excellent for baskets, vases and boxes. Each, \$1.00.

English Daisies

**Bellis Perennis**—Like Pansies, the Daisies for beds or borders in the garden or cemetery are very much in demand. Blooming plants in pink or white ready May 1st. Dozen, 60c.

Maiden Hair Ferns

This species requires more exact atmospheric conditions than other Ferns, but is one of the daintiest.

**Adiantum Hybridum**—One of the more recent Maiden Hair Ferns, having large fine fronds and is a strong grower.

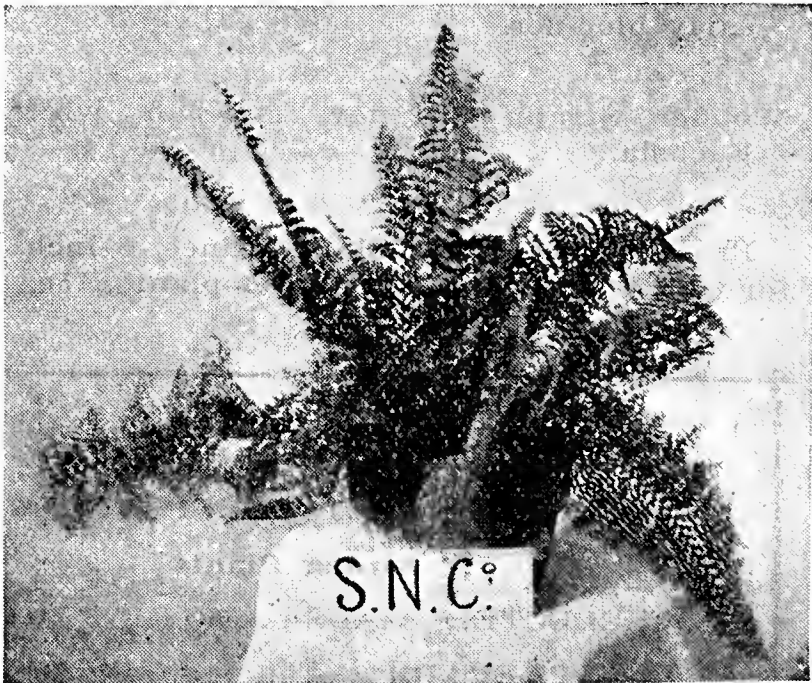
**Adiantum Conicum**—One of the strongest and largest of the Maiden Hair family. Splendid habit. Either of the above, each, 25c and 50c. Larger plants 75c and \$1.00.



English Daisy

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Tarrytown Fern (Fancy Boston)





One of Our Table  
or Dish Ferns

## Ferns For Dishes

We have a good stock of all of the following list of Ferns for fern dishes, jardinières, etc., and which are adaptable for the home and most easily grown.

**Pteris Alexandrae**—A very handsome variegated Pteris, of dwarf habit.

**Pteris Rivertoniana**—A very distinct and valuable type of crested Pteris.

**Pteris Wilsonii**—A beautiful variety of dwarf habit, bearing crested fronds. Very compact growth.

**Pteris Mayii**—A peculiar variegated dwarf type with large pinnae and green foliage.

**Pteris Wimsettii**—A very pretty green foliage and crested Pteris.

**Pteris Argyrea**—The Pteris are among the easiest grown house Ferns, and the wonderful range of variegated foliage and form render them invaluable.

**Pteris Argyrea** is of a dwarf habit with fronds prettily decorated with white.

**Pteris Victoriae**—This is considered by many to be the handsomest of the Pteris. The fronds are rich deep green. It is a vigorous and healthy grower.

**Pteris Hastata**—A very unique and pretty variety of this popular Fern family.

**Pteris Multiceps**—One of the most strikingly variegated forms of the Pteris family.

Prices of Above Ferns: From 3-inch pots, 30c; from 4-inch pots, 65c.

## Feverfew

Dainty milk-white double spherical flowers. Very free flowering and blooms from Spring until Fall. Excellent as a bedding plant and good for cutting. An old-time favorite. Each, 20c; 3 for 50c.

**Aureum or Golden Feather**—A fine sort with golden yellow foliage. Each, 20c; 3 for 50c.

## Ficus or Rubber Plant

**Elastica (India Rubber Tree)**—This is the old reliable thick leaved variety—the substantial house plant. Its foliage of a beautiful dark green, shiny appearance, being always handsome and striking. Each, 50c and \$1.00.

**Repens**—Directly opposed in character to the upright growing varieties, being really a creeping or trailing vine. It is extremely useful and ornamental for covering stone or wooden conservatory walls which it will do in a short space of time. Each, 50c; 3 for \$1.25.

## Forget-Me-Not or Myosotis

**Susanne**—Of recent introduction. A great improvement on the older varieties, being earlier and a very prolific bloomer. Each, 25c; doz., \$2.00.

## Genista Racemosa

Flowers are very small, pea shaped, borne in close racemes. When in full bloom the entire plant is a solid ball of the brightest yellow, emitting a delicious lemon fragrance. Very popular for Easter decorations, and will continue in bloom about four weeks. 3-inch pot plants, each, 30c; 4-inch pot plants, each, 50c.

## Grevillea or Silk Oak

A beautiful plant for decorative purposes of quick growth and easy culture. Foliage fern-like and graceful. Each, 25c; 3 for 65c.

## Fuchsias

A favorite with our grandmothers and a favorite still. Their color combinations are wonderful, and their easy culture and free flowering proclivities make them exceptional sellers both for Summer and Winter blooming. We can highly recommend all of the following listed below.

**New Black Prince**—This is an improvement on the famous Black Prince. The flowers are much larger, having the same color markings. The plant is stockier. This is perhaps the most beautiful of the Fuchsias. Price, each, 3-inch pots, 50c; 4-inch pots, 75c.

**Trailing Queen**—A handsome trailing type exceedingly floriferous with purple corolla and flesh-colored tube and sepals. A most effective plant for hanging baskets and window boxes.

**Phenomenal**—The largest flowering Fuchsia, with long stems, petals red and center bright purple.

**Black Prince**—Red, single. A fine variety.

**Little Beauty**—Beautiful red sepals with purple corolla, single.

**Pride of Orion**—A fine new Fuchsia. Strong vigorous upright grower, flowers are white and extremely double. The blossoms do not drop and it is a very early bloomer.

**Wonder Strapp**—A new superior white and pink Fuchsia.

Prices, except New Black Prince, 3-inch pots, 25c; 3 for 65c; 4-inch pots, 40c; larger plants, 75c.



Fuchsia

Our Special Dish Fern Offer  
THREE CHOICE DISH FERNS

Strong Plants

SELECTED BY US—ALL DIFFERENT

PREPAID to You for Only 60c



Our collection of Geraniums is the largest in the Northwest. We devote several greenhouses to the culture of their many types and add new varieties as we find them worthy.



A Glimpse Into One of Our Geranium Houses

## GERANIUMS

These old-time favorites offer an uninterrupted display of bloom over an extended period. Their ease of culture and clean growth holds them in the front rank among house plants and for cemetery decoration. We are listing some fine new sorts as well as the standard varieties which we have found adaptable to Northwest conditions.

### OUR DE LUXE HOME GERANIUM OFFER

- |                       |                         |
|-----------------------|-------------------------|
| 1 Michell's Sensation | strong 4-inch Pot Plant |
| 1 Pink Barney         | strong 4-inch Pot Plant |
| 1 Red Barney          | strong 4-inch Pot Plant |
| 1 La Favorite         | strong 4-inch Pot Plant |

Value \$1.85—Sent Postpaid to You for \$1.40

### Three Geranium Aristocrats

**Michell's Sensation**—A new scarlet Geranium, an improvement on the famous Helen Mitchell. Flowers are double and of the clearest possible shade of scarlet. A wonderfully heavy bloomer and it has no equal as a pot plant or bedding plant. Price, each, 3-inch pot, 30c; 4-inch, 50c.

**Louisa**—A darker crimson than Michell's Sensation; large double flowers, stocky plants. The foliage is extremely beautiful on this variety. A fine new improved Geranium. Price, each, 3-inch pot, 30c; 4-inch pot, 50c.

**Anna Jelenick**—This is by far the best winter bloomer that we have seen. The flowers are a rich rose color and are double. The foliage is marked very prettily. A fine type. Price, each, 3-inch pot, 30c; 4-inch pot, 50c.

Special Collection of the Above 3 Varieties from 3-inch pots, 80c; from 4-inch pots, \$1.25.

### SINGLE VARIETIES

- Mme. P. Morlan**—Rosy salmon, free bloomer.  
**Sentinel**—Dark crimson, round flowers.  
**Scaramouche**—Salmon, shading to white at top of petals.  
**Vera Oulianesk**—White, clear, perfect flowers.  
**Yvette Prost**—Rosy pink, fine for window boxes.

### IVY LEAVED GERANIUMS

This class of Geraniums is rapidly growing in popularity. They are very free bloomers, and lend themselves splendidly to house culture.

- James Atfield**—Large pink double flowers.  
**Leopard**—Lavender pink dotted with crimson.  
**Souvenir de Chas. Turner**—Deep bright pink.  
**Achievement**—Rose with white eye.  
**Wm. Tracy**—Double, light pink, a rather short habit of growth, very fine.  
**La Eleganta**—Beautiful variegated foliage, white and green at first; later the white spots turn to scarlet.

### VARIEGATED GERANIUMS

- Happy Thought**—Leaves yellow, center bordered with green, flowers rose.

**Madame Sallerol**—Bushy variety, used for borders, fine with Lobelia. Foliage green and white.

**Mountain of Snow**—Fine foliage variety, silver edge, flowers red.

**Mrs. Pollock**—Foliage yellow, green and red variegation; flowers red.

### SCENTED GERANIUMS

**Balm**—Well known, large foliaged, rose scented.  
**Lemon**—The small foliaged old-fashioned Lemon Geranium. Very fragrant.

**Rose-Scented**—Very popular. Flowers pink.

**Apple Blossom Geranium**—A variety in great demand for its refreshing apple blossom perfume.

### PRICES OF GERANIUMS—SINGLE OR DOUBLE—PREPAID

Strong 3-inch Pot Plants, each, 25c; 3 for 65c; doz., \$2.50.

Strong 4-inch Pot Plants, each, 45c; 3 for \$1.20; doz., \$4.50.

Strong 5-inch Pot Plants, each, 70c; 3 for \$1.90. 6 at dozen rate.

Extra large plants from 5 and 6-inch Pots, \$1.00 and \$1.25 prepaid.

### STANDARD VARIETIES (Double)

**Helen Michell**—A fine semi-double type of a clear scarlet color, with very large florets and truss. Foliage a lustrous green, bushy and compact, early and free bloomer.

**La Favorite**—White, one of the best.

**Louis Madeline**—A deep pleasing rose color.

**Marquis de Castellaine**—Crimson, with immense trusses of bloom.

**Jean Viaud**—Grand pink bedder.

**Madonna**—Snow white, good bedder.

**M. Paul Blondeau**—Bright rose, very large flower.

**Mrs. R. Gloide**—A semi-double—with bright deep pink flowers. The trusses and florets are very large, and very free flowering.

**Red Barney**—This variety stands out in bold relief among red Geraniums. It has broad, velvety, distinct foliage and vigorous habit—a full large round truss of double petals—a brilliant crimson red.

**Pink Barney**—An excellent pink having all the outstanding features of the Red Barney.

**Beautie Poitevine**—A beautiful type of semi-double Geranium. Exquisite salmon pink flowers, the very best of its color.

### OUR MAIL BAG SPECIAL

- 4—Strong 3-inch Pot Geraniums—4  
 All Different—Our Selection  
 Delivered Prepaid to You for Only 75c



Specimen of 3 and 4-inch Pot Geranium



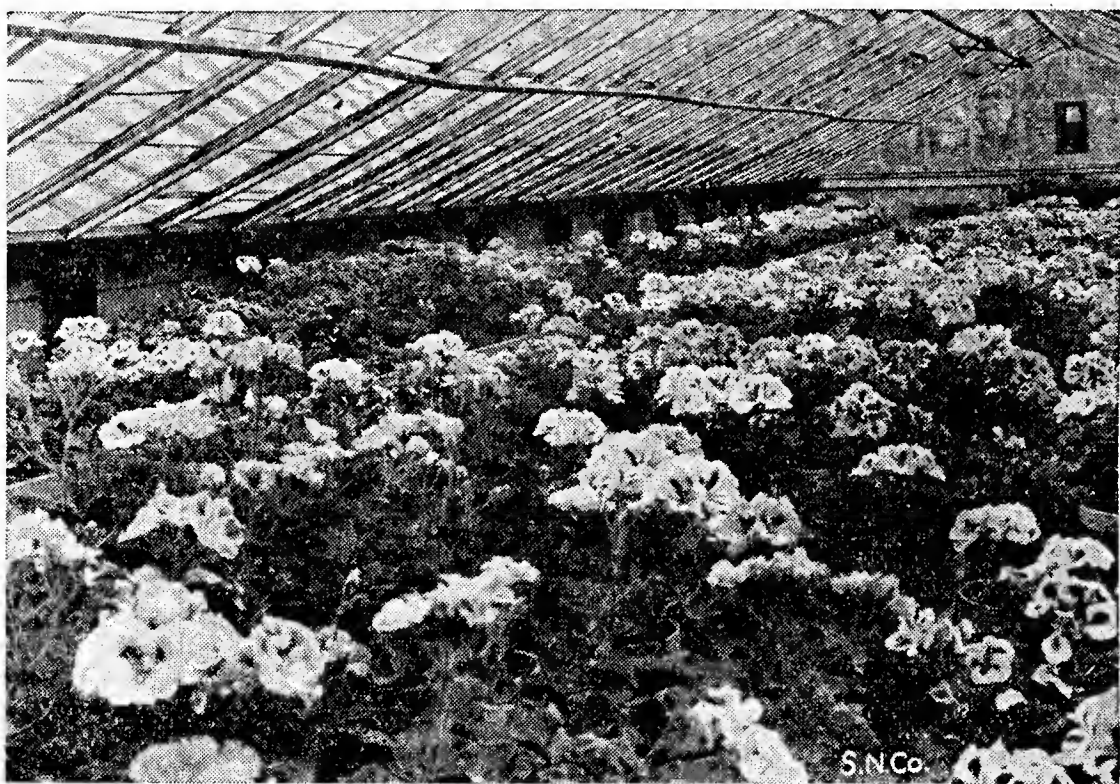
## Pelargoniums or Martha Washington Geraniums

Our stock of Pelargoniums is beyond reproach and like our Geraniums we devote several houses to their culture and careful selection.

**Mons Herzog**—This has proved to be the most popular Pelargonium. Beautiful reddish salmon pink flowers borne freely and it retains its blossoms longer than any other variety and is a strong sturdy grower.

**Easter Greeting**—Its flowers, which are borne in great profusion from March until late Fall, are a fiery amaranth red, each petal bearing a blotch of deep brown or black and very large. It is of a very compact and bushy habit, and of easy house culture.

**Gardeners' Joy**—Nearly white, with an apple blossom pink at base of flower, the two upper petals blotched with deep brown. Produces one of the largest clusters of bloom of any known variety.



A Glimpse in One of Our Pelargonium Houses

**Wolfgang Goethe**—Flowers large and slightly crimped, ground color dark red, with five well defined violet black spots. Considered the best dark variety.

**Wilhelm Hauff**—Flowers and clusters very large and strongly crimped. Ground color a purplish pink, with large brownish blotches on the upper petals. A profuse bloomer.

**German Glory**—Ground color an apple blossom pink with large dark brown blotches on upper petals; flowers and clusters are large; free bloomer and dwarf, robust branching habit.

**Eastern Star**—A light salmon color, with five large reddish brown spots. Has a long period of bloom, and is a dwarf compact grower.

**W. C. Boyce**—A beautiful shade of salmon.

**Madam Loyal**—(The Pansy Geranium)—Small delicate pansy-like blossoms. Of easy house culture and a most profuse bloomer.

**California Hybrids**—Fine stocky plants in this class with mixed colors involving all shades except those of the famous Easter Greeting.

**Springtime**—An improved beautiful very light pink.

**Prices of Pelargoniums**—Each, from 3-inch pots, 25c; each, from 4-inch pots, 45c; each, from 5-inch and 6-inch pots, 75c and \$1.00. Specimen plants, large, \$1.50 and \$2.00.



Mons Herzog

When Comparing Prices  
REMEMBER  
Our Prices Mean  
DELIVERED  
To Your Nearest Postoffice or Express Station  
Unless Otherwise Stated

SPECIAL PELARGONIUM OFFER  
4 Different Varieties Our Selection  
Strong 3-inch Pot Plants  
Delivered Prepaid to You for Only  
**75¢**



Princess May

YOU WILL WANT PLANTS THAT GROW IN MONTANA AND THE NORTHWEST  
WE OFFER YOU OUR 43 YEARS' EXPERIENCE IN MONTANA



### Hanging Baskets

You will want a hanging basket or perhaps two for your porch or entrance at the prices we are able to offer them for this year. Our baskets can be filled with your choice of color scheme or left to our judgment. Prices range depending on the size of the basket and the number of plants used. Prices, each, \$1.25, \$2.00, \$3.00 and \$4.50. Not prepaid.

### Porous Pottery Hanging Baskets

Hanging porous pottery baskets are rapidly becoming more popular, owing to the fact that they hold moisture much longer than the moss-lined wire baskets, and are much more durable. We can supply these in 8-inch and 10-inch sizes. These pottery baskets are supplied with attached saucers to eliminate dripping.

Empty, each, 8-inch, \$1.50; 10-inch, \$1.75.

Filled, each, 8-inch, \$3.50; 10-inch, \$4.50. Express extra.

### Heliotrope

Heliotrope will succeed in or out of doors. Their exquisite perfume makes them a favorite everywhere.

**Centifleur**—One of the newer forms of medium lavender color, with enormous heads of bloom.

**Elizabeth Dennison**—A very compact large flowered form, almost violet in color.

**Florence Nightingale**—A lavender colored type, very floriferous. Prices, each, 30c, 40c, 60c.

### Hydrangea

A wonderful plant for Easter decoration, but they are becoming more popular each year for use on porch, lawn, or garden during the Summer. Our Hydrangeas are of the new French types and of easy culture.

During the Winter the plants should be kept in a cool light cellar without freezing. Only enough water supplied to keep the roots from drying out.

Colors are pink, blue and white. Season is April to June.

Prices, fine plants in blossom, \$1.00 to \$3.00.

### Hepatica

**Hepatica Triloba**—**Leopard Plant**—Also called Liver Leaf. A novel plant with handsome foliage having bright yellow spots. A sturdy grower and of easy culture. Each, from 3-inch pots, 30c; 3 for 75c.

### Hibiscus

Well known Evergreen tender shrub which may be grown either in a pot or tub, or planted out during the Summer. In salmon, light rose, scarlet and soft pink. Each, 50c.

Set of four, all different, \$1.50. Special larger sizes at \$1.00.

### Hoya Carnosa or Wax Plant

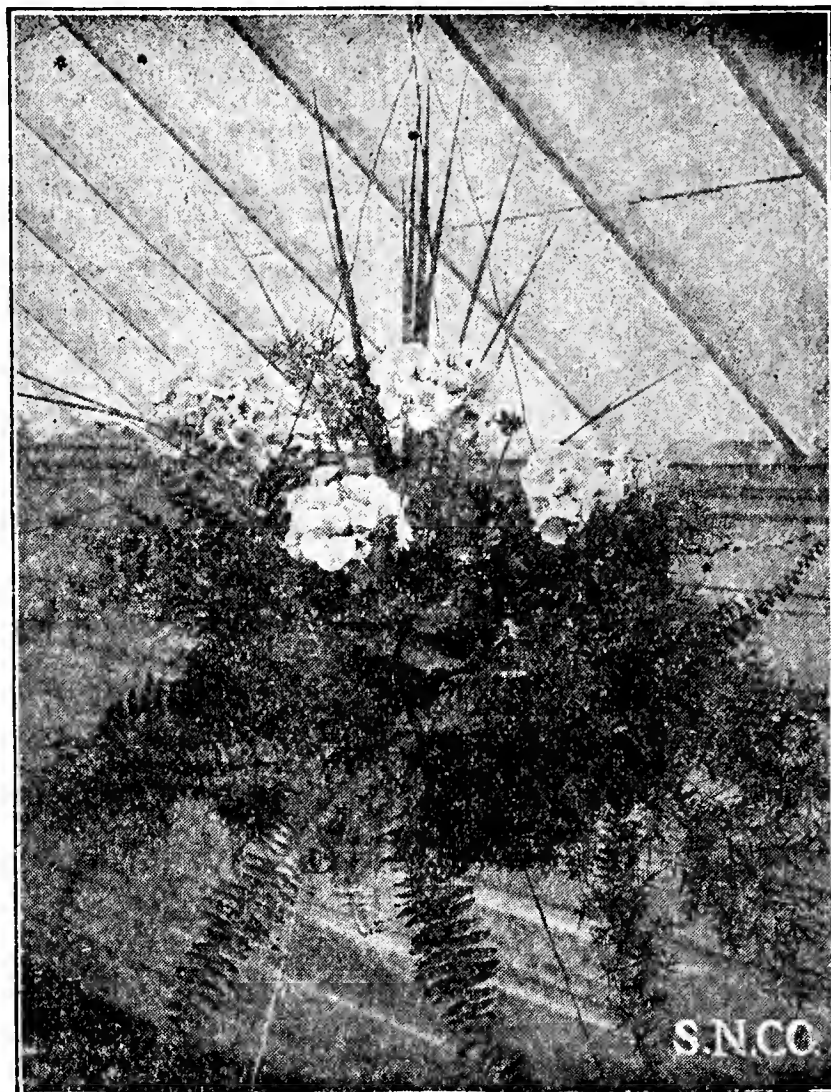
An old-time favorite indoor climber, bearing trusses of flesh colored, star shaped, wax-like flowers. Rich green foliage. Each, 30c; 3 for 75c.

### Impatiens Sultani

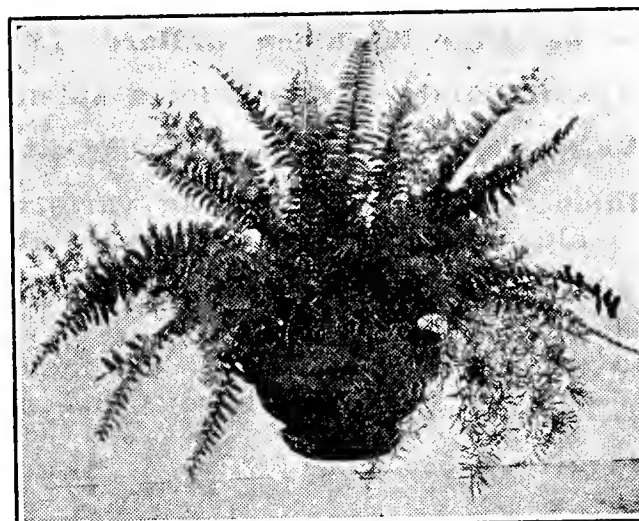
The everblooming Sultani should be in everybody's collection. The dainty little flowers which cover the plant in a mass are a bright pink or red in color. It makes an ideal house plant and is popular as a bedding plant, especially for shady nooks. Price, each, 3-inch pot plants, 25c; 3 for 65c; 4-inch pot plants, 40c; 3 for 90c.

#### REMEMBER

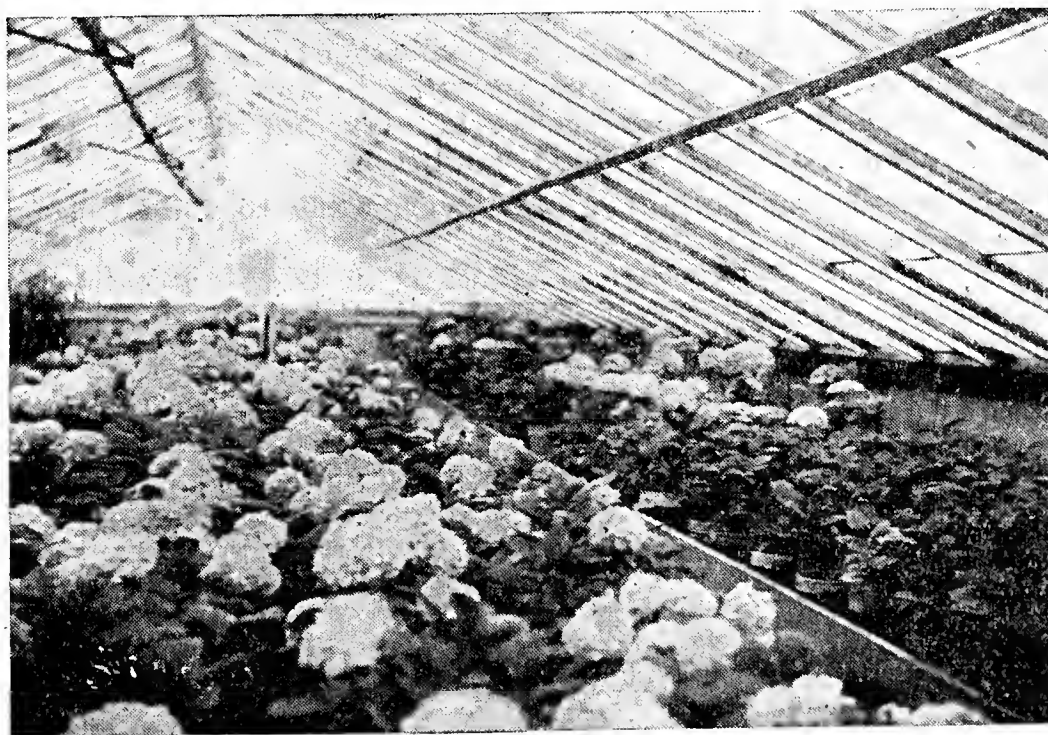
We Pay Postage or Express on  
Plants, Trees and Roots  
Unless Marked Not Prepaid



Specimen Wire Hanging Basket Filled



Porous Pottery Hanging Basket



A House of Our Hydrangeas

Good roads now lead to Helena from all directions. Drive over and let us take you through our complete Horticultural Establishment. A trip well worth your while.





English Ivy

**Lantana**

One of the most attractive bedding and house plants, and extremely floriferous.

**Jacob Schultz**—Opens yellow and turns to a most intense oxblood red.

**Delicatissima (Weeping Variety)** — Rosy lavender flowers very suitable for hanging baskets.

**Comtesse de Biencourt**—Fine pink variety.

**Snowball**—Pure white.

Any of the above, each, 25c.

All Four Varieties, 85c

Postpaid

**Ipomea or Moon Vine**

Season May to July

The well known Moon Climber. Flowers white and fragrant. Each, postpaid, 20c; 3 for 50c.

**Ivy—Parlor**

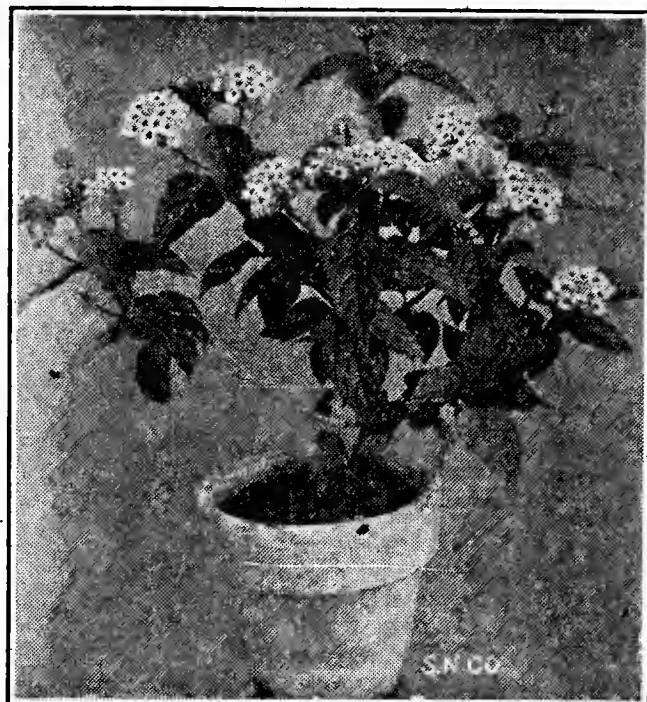
A good vine for the window at all seasons, and in great demand as a vase, basket or window box plant in the Summer. Each, 20c; 3 for 50c.

**Kenilworth Ivy—Creeping Charlie**

An excellent small creeping vine for house use; foliage fine and attractive. Each, 3-inch, 20c; 3 for 50c.

**Ivy—English**

An invaluable Evergreen Climber for indoor purposes; a splendid plant for house trellis decoration. Each, 3-inch pots, 25c; 4-inch pots, 45c.



Lantana

**Such New Creations as—**

Double Petunia Sakatas, P. 18

New Rose Blaze, P. 22

Vanguard Rose, P. 22

Bees Delphinium, P. 26

**Deserve a Place on Every Landscape**

**Lobelia**

The best of all for border plants, being low and covered with a mass of small blossoms. They thrive in almost any garden soil.

**Double Blue Kathleen Mallard**—Large double flowers of an intense blue, very desirable.

**Crystal Palace**—Deep blue; a splendid bedder.

**White Gem**—A beauty. A very fitting companion to Crystal Palace.

**Hambergia**—A new trailing variety which has found immediate favor. Flowers are a beautiful light blue and are single. Any of above varieties, each, 10c; doz., \$1.00.

**Lavender**

**Lavendula Vera**—The true old-fashioned lavender. Greatly admired for its delicious fragrance. In this section it is not hardy, and must be cared for indoors in Winter. Each, 25c; 3 for 65c.

**Lemon Verbena—Aloysia, (See Page 3)**

## EASTER LILIES

For Eastertide we make a specialty of Easter Lilies which we grow by the thousands and at this time are prepared to ship in quantity to any part of the Northwest. We are prepared to assist you in your choice of a Lily for Easter Sunday and all orders will receive special attention and care in packing to assure arrival in good condition.

Each, of fine foliage and flower, \$1.00 to \$3.50. Dormant Bulbs available in October and November—35c each; 3 for 90c.



One of Our Houses of Easter Lilies

**Again We Offer  
OUR EASTER LILY SPECIAL**

For this particular season we make a specialty of sending Easter Lilies to all parts of the country. These are specially wrapped with your card attached and shipped by express prepaid to destination desired.

**Prepaid Anywhere  
\$2.50**

**An Ideal Remembrance**

**REMEMBER—**

**Our Prices (Unless Marked Not Prepaid)  
ARE PREPAID to Your Nearest  
Post Office or Express Station**

**USE OUR 43 YEARS' EXPERIENCE TO GUIDE YOUR GARDENING**



**Lilies—Calla**

**Calla Elliottiana**—A beautiful member of the Calla family, with dark green foliage spotted with silvery white, and handsome yellow flowers. A splendid house plant of the easiest culture. Each, 50c.

**Calla Aethiopica**—Calla Lily or Lily of the Nile. A well known and justly a favorite window plant. Of very easy culture. Each, 50c.

**Calla—Little Godfrey**—A smaller type of later introduction and with its extremely free flowering habit, has proved wonderfully popular. Each, 50c.

The Callas are fast becoming popular as Summer subjects in the Garden Pool.

One each of the above three varieties, \$1.25 prepaid.

**Madeira or Mignonette Vine**

Very popular vine and a very rapid grower. Fleshy heart-shaped leaves of light green producing numerous racemes of feathery white flowers of pleasing fragrance. 3-inch only, each, 30c.

**Marguerite**

**Mrs. F. Sanders**—A double, pure white variety, with long stemmed blooms often measuring five inches in diameter. Grown in enormous quantities for cut flowers.

**Marguerite—Boston Yellow**—A magnificent golden Marguerite, with flowers from 3 to 5 inches in diameter. Greatly grown for cut flowers, having long strong stems.

**White Marguerite—(Chrysanthemum Frutescens)**—This is the well known single Paris Daisy, and the best known of the family.

**Mothers' Day Marguerite**—A new introduction—so named because of its dependable nature of early flowering—for Mothers' Day—the second Sunday in May. A splendid white Marguerite. Price of any of the above, each, 20c, 35c, 50c.

**Marguerite****Moon Vine—(See Ipomea, See Page 16)****Oleander**

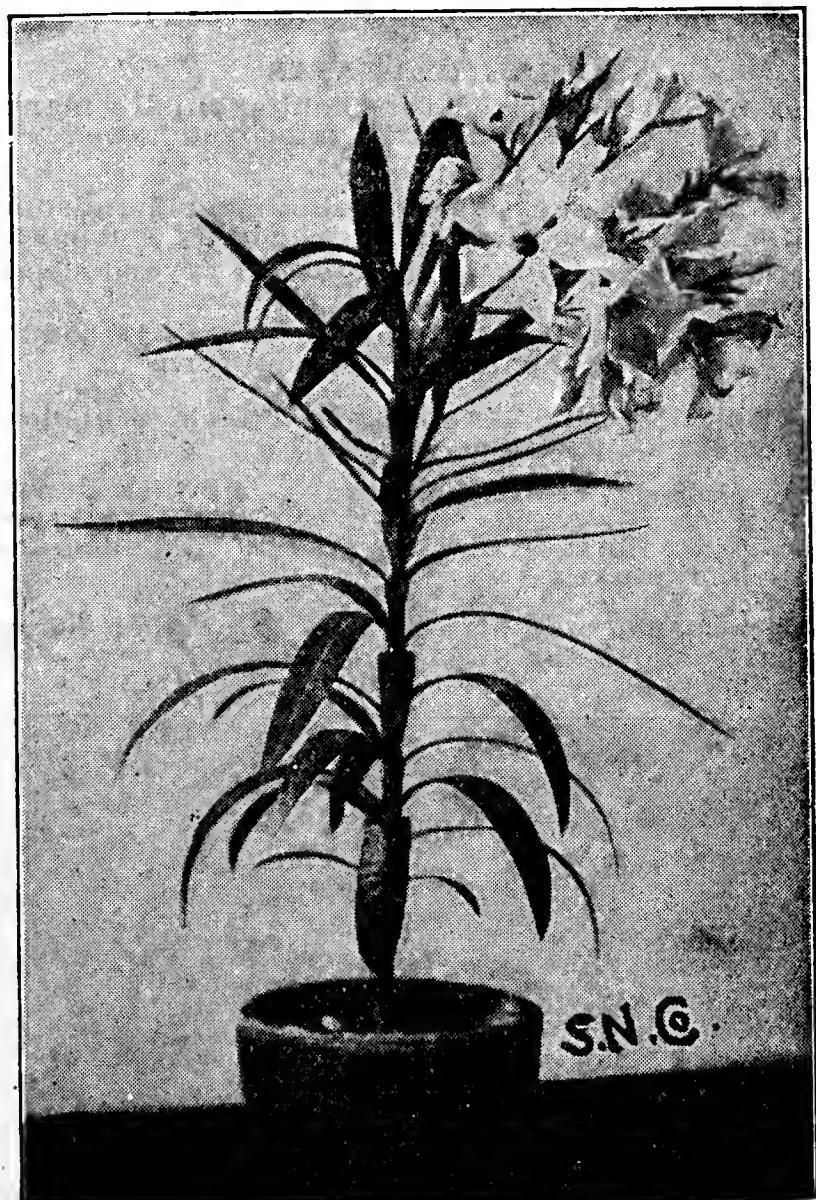
An immensely popular plant. It is a large semi-double red, pink or white bloomer which can be kept growing in almost any situation during the whole year. Each, 50c to \$1.50.

**Oxalis**

**Grand Duchess—(Pink or Lavender)**—A very prolific flowering variety of easy growth. Fine house plant, especially good for hanging baskets. This is possibly found in more homes than any other plant. (Plants in season, 30c; bulbs, 3 for 20c.)

**Bermuda Buttercup—(Yellow)**—Also very prolific in its flowering habit, an easy growing, distinct bright yellow. (Plants in season, 30c each; bulbs, 3 for 20c.)

**Hirta**—Large handsome foliage bearing pretty rose flowers. (Plants in season, 30c each; bulbs, 3 for 20c.)

**Oleander****WHEN IN HELENA**

You are cordially invited to visit our Greenhouses  
and we aim to give you a courteous  
and instructive welcome

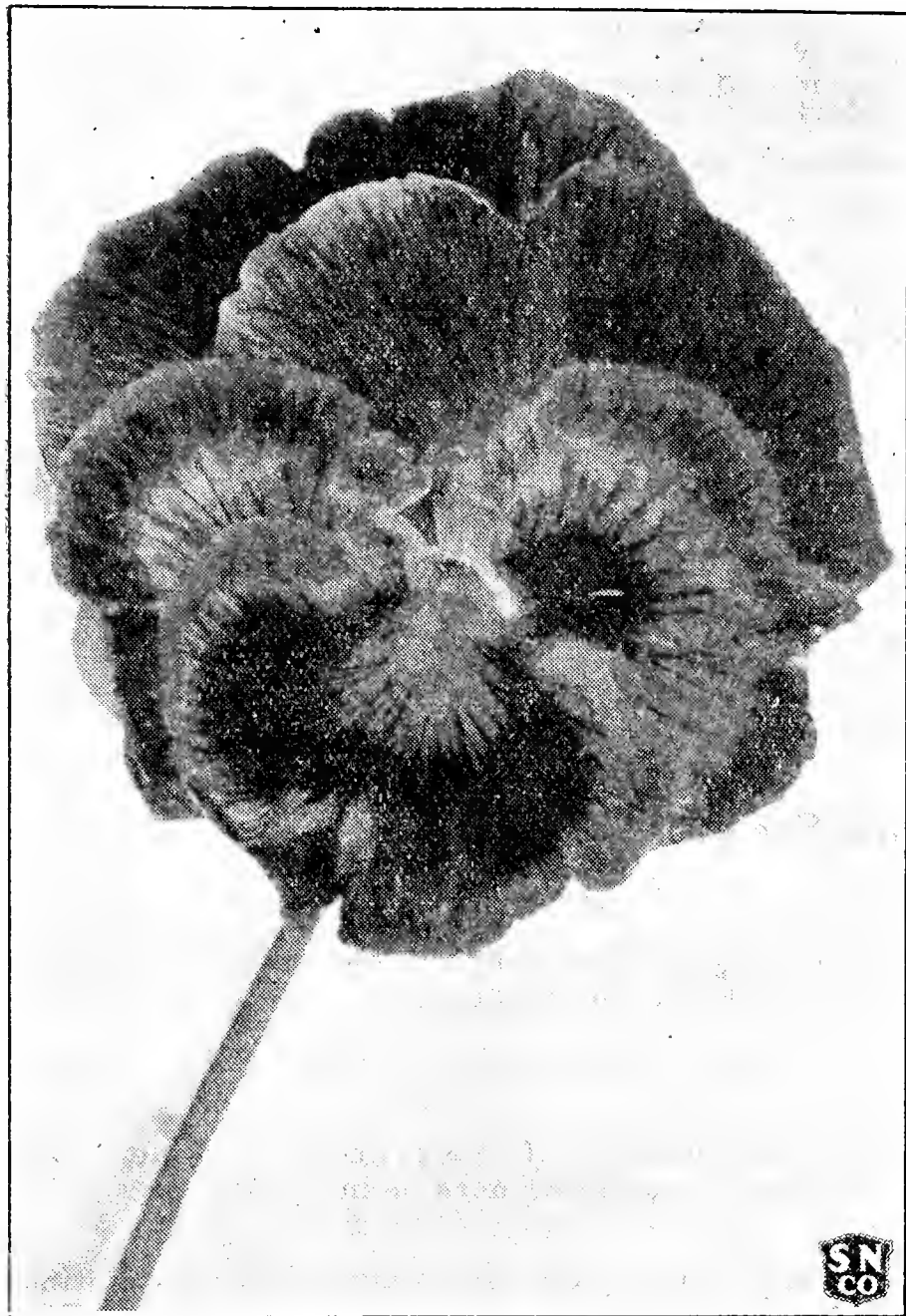
REMEMBER  
OUR  
NEW LOW  
PRICES  
ARE  
PREPAID  
TO  
YOU

**Oxalis (Hirta)**

WE ARE A COMPLETE HORTICULTURAL ESTABLISHMENT AND HAVE SERVED MONTANA  
AND THE NORTHWEST FAITHFULLY FOR 43 YEARS



## OUR FAMOUS NEW PANSIES



Swiss Giant Pansy

### Golden Gleam Nasturtium DOUBLE FLOWERS

A remarkable development in this popular and easily grown species. The flowers are sweet-scented and are double in their nature, very large and a beautiful golden yellow. The plant is of semi-trailing habit and bears the blooms well above the foliage on strong stiff stems; fine for cut flowers. This new race is as distinct an advance over the old type of Nasturtiums as the Dahlia flowered Zinnia is over the original type. We again are offering strong started plants of this fine new novelty at 20c each; 3 for 55c.

#### SPECIAL NOVELTY COLLECTION

- 1 Plant Golden Gleam Nasturtium
- 1 Plant New Japanese Petunia
- 6 Plants New Swiss Giant Pansy

Delivered Prepaid to You for

80¢



"Golden Gleam" Nasturtiums Growing in One of Our Greenhouses

There is scarcely a garden without its bed of Pansies and rightly so for the "little flower faces" have inspired all flower lovers.

We are the most extensive growers of Pansies in this section and specialize only in the finest strains obtainable. The new Swiss Giants which we are offering this year are particularly fine. All our plants are clean and hardy and of vigorous growth. Plants are either in bud or bloom by May 1st and are packed in such a way that the root system is undisturbed and the plant receives no setback in its growth, despite the fact that this practice costs us more in shipping the plants. We use five large greenhouses for our Pansy stock as well as nearly an acre in our Nursery.

**Prices of Pansies (our Giant Flowering Premium Strain), mixed, per dozen, 75 cents prepaid.**

Pansies can be supplied in separate colors: Light blue, pure yellow, black, red shade, dark purple, golden bronze, pure white and henna or tango red and mixed.

**Giant one-year-old Pansies: Clumps taken from the field, very large. Price per doz., \$2.00.**

Can also be supplied in separate colors the same as above.

**Improved Swiss Giants**—A new strain that is rare with some beautiful new shades. The flowers are larger and the stems strong. Every Pansy lover will want some of the new Swiss Giants in the garden. They have gained the reputation of the world's most brilliant and magnificent of all Pansies. Mixed only, 90c per doz. prepaid.

### Petunias

No bedding plants can make a more pleasing display than Petunias and none are freer blooming nor give a more continuous succession of blossoms than do these plants.

#### DOUBLE PETUNIAS

**Edna**—Pink mottled white.

**Guy**—A beautiful light pink.

**Jerome**—Purple with white edge.

**Snowball**—Finely fringed white.

**Talma**—Clear pink.

**Double Rosy Morn**—A new Petunia that has surpassed all expectations. The flower is deep pink and the plant is very bushy and stocky.

#### SINGLE PETUNIAS

**Ruffled Monsters**—Prized for their exquisite markings and colorings. Greatly improved type.

**Giant Fringed**—Mixed colors.

**Diener's Pink Glory**—One of the most handsome Petunias for porch boxes and bedding purposes.

**Rosy Morn**—(Single)—A splendid and favorite bedding variety.

**Blue Jay**—A real Royal Purple of recent introduction. A good companion to Rosy Morn.

**PRICES OF PETUNIAS**—Each, 3-inch, 25c; doz., \$2.50. Each, 4-inch, 40c; doz., \$3.75.

**New Japanese Petunia—Sakatas**—This is a new fine all double variety of a giant fringed type coming in colors of light pink, and lavender and white and pink.

**PRICE**—3-inch pot plants, 35c; 3 for 90c; 4-inch pot plants, 65c; 3 for \$1.65 prepaid.



New All Double Japanese Petunia





Passion Flower

**StimUplant**Makes a  
Wonder Garden

## Passion Flower (Courelea)

Beautiful beyond description. The vines may be trained up on a small wooden trellis stuck in the pot. The flowers are a beautiful light blue suffused with rose. A vigorous grower as a house plant. Price, each, 35c, 50c and \$1.00.

## Pans

These pans contain Palms, Ferns, Coleus, Begonias, etc., and are very attractive and the contents most lasting. Each, \$2.00 and \$2.50 by express.



Tradescantia

## Perestrophe

**St. Augustine Grass**—A beautiful plant with handsome green and white variegated foliage. Excellent for porch boxes, hanging baskets and as a border for flower beds. Strong 3-inch pot plants, 25c; 3 for 65c; 4-inch pot plants, 45c.

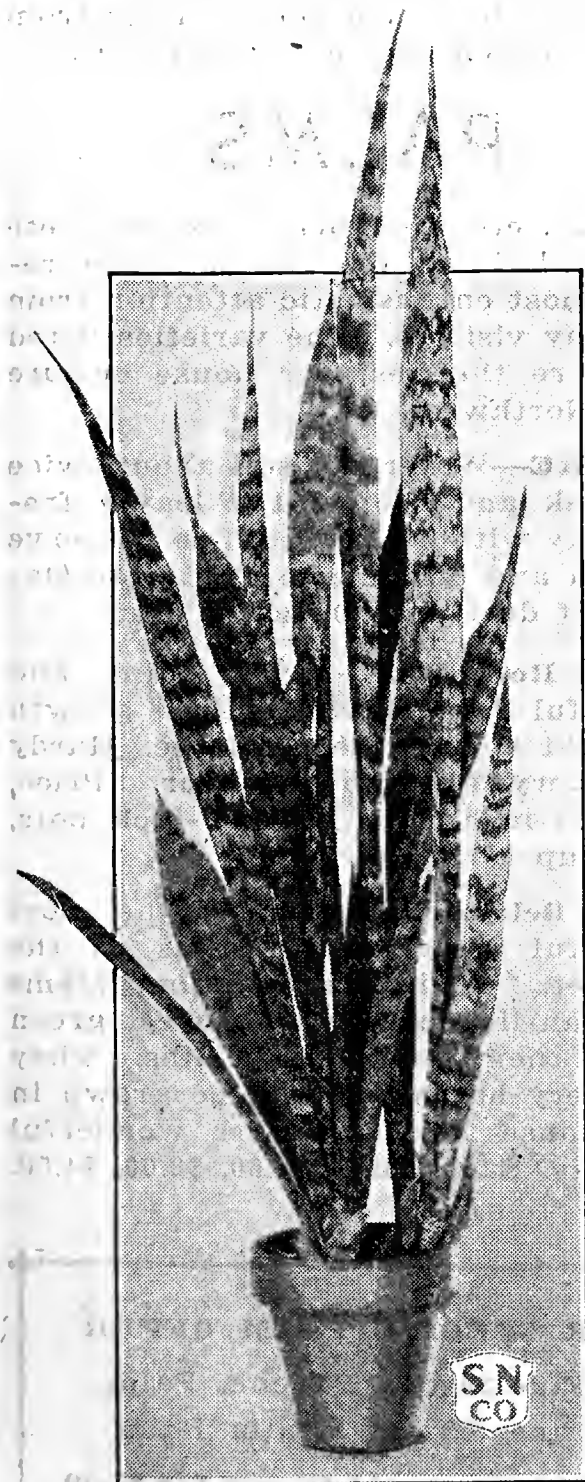
## Philodendron

**Friendship Vine**—The best indoor vine for planting wall pockets, vases, boxes, etc. Very hardy and recommended by many as superior to English Ivy. Each, 3-inch pots, 40c; 3 for \$1.00.

## Palms (See Palms, page 20)

## Pandanus Veitchii

A highly decorative plant with gracefully curved sword-like leaves which attain a length of about two feet. Foliage dark green in center margined creamy white. Of very easy culture and never troubled with insects. Each, 50c, \$1.00, \$1.50.



Sanseveria Zeylanica

## Primula Malacoides

**New Baby Primrose—Ericksonii**—A distinctly better lavender than ever before in this class. Plants have a very vigorous and bushy growth with masses of bloom. Each, from 4-inch pots, 65c; from 5-inch pots, \$1.00.

## Tradescantia or Wandering Jew

Beautiful trailing vines. One of the most used plants for hanging baskets and window boxes.

Three varieties:

1. Green foliage—very rapid grower.
2. Green foliage—striped with gold.
3. Green foliage—striped silver and red.

Each, 20c; doz., \$2.00.

One each of the three varieties, 50c.

## Tuberose

One of the most delightfully fragrant and exquisite of all Summer blooming plants. Plant the bulbs as soon as the ground becomes warm. Our specialty is the Excelsior Double Pearl variety. Each, 15c; 3 for 35c.

## Wallflowers or "Goldlack"

Our plants of this old favorite are raised from the finest strains which have been developed by European specialists.

**Wallflower—Blood Red**—A very robust and sturdy grower, with fine foliage, producing enormous spikes of bloom of a reddish brown.

**Wallflower—Paris Market**—A beautiful variety which may be treated as an annual. Set out early in the Spring and you will have flowers all Summer. Either variety from 3-inch pots, 25c; 3 for 65c.

## Salvia

### Scarlet Sage

**Harbinger**—One of our most valuable Summer bedding plants. The flowers are larger and more profuse with their long erect spikes of most brilliant scarlet flowers. Plant in a sunny location. Each, 25c; doz., \$2.50.

**Blue Salvia**—A very handsome plant of the same type, but having beautiful blue flowers. Price, each, 25c; doz., \$2.50.

## Saxafraga Saramentosa

**Aaron's Beard—Mother of Thousands—or Strawberry Geranium**—This is a handsome plant of a wonderful trailing habit, with brightly variegated foliage. It will thrive under most adverse conditions. Each, 20c; 3 for 55c.

## Sanseveria Zeylanica

Commonly called "Zebra Plant," of very easy culture and a plant that will withstand dust and dry weather without injury. Its tall, fleshy leaves are alternately barred green and white. Each, 50c; larger plants, 75c, \$1.00 and \$3.00.

**Laurenti**—A recent introduction, the variegation of the foliage being a rich yellowish golden cream instead of white. Each, \$1.00 and \$2.00.

## Shamrock

The true small-leaved Irish variety. Pot plants, each, 20c; 3 for 50c (in season).





## Verbenas

The Verbena without doubt is one of the most valuable bedding plants for use in the Northwest. They bloom continuously through the Summer. Their free flowering proclivities and brilliant shades of coloring render them attractive to every lover of flowers.

**Verbena—Oxford Beauty—** This is a very large flowered clear pink variety.

**Other colors:** Scarlet, pink, white, blue shades, purple, white and striped. Each, 20c; doz., \$2.00.

## Our Famous Helena Violets

## Violets

We have found that Violets under proper cultivation can be grown in Montana that are the equal of any in the entire country. As an evidence of this fact, the demand for our famous Helena Violets has increased so rapidly that it now requires seven of our largest greenhouses to satisfy the demands for them. We might add that our Violets won the silver medal at the National Flower Show at Detroit in 1927. We offer strong, vigorous plants, free from disease.

**Governor Herrick**—Flowers of rich purple borne on good stems and very prolific.

**Princess of Wales** — One of the best varieties grown. Flowers very large, long stems, a very profuse bloomer, and extremely fragrant.

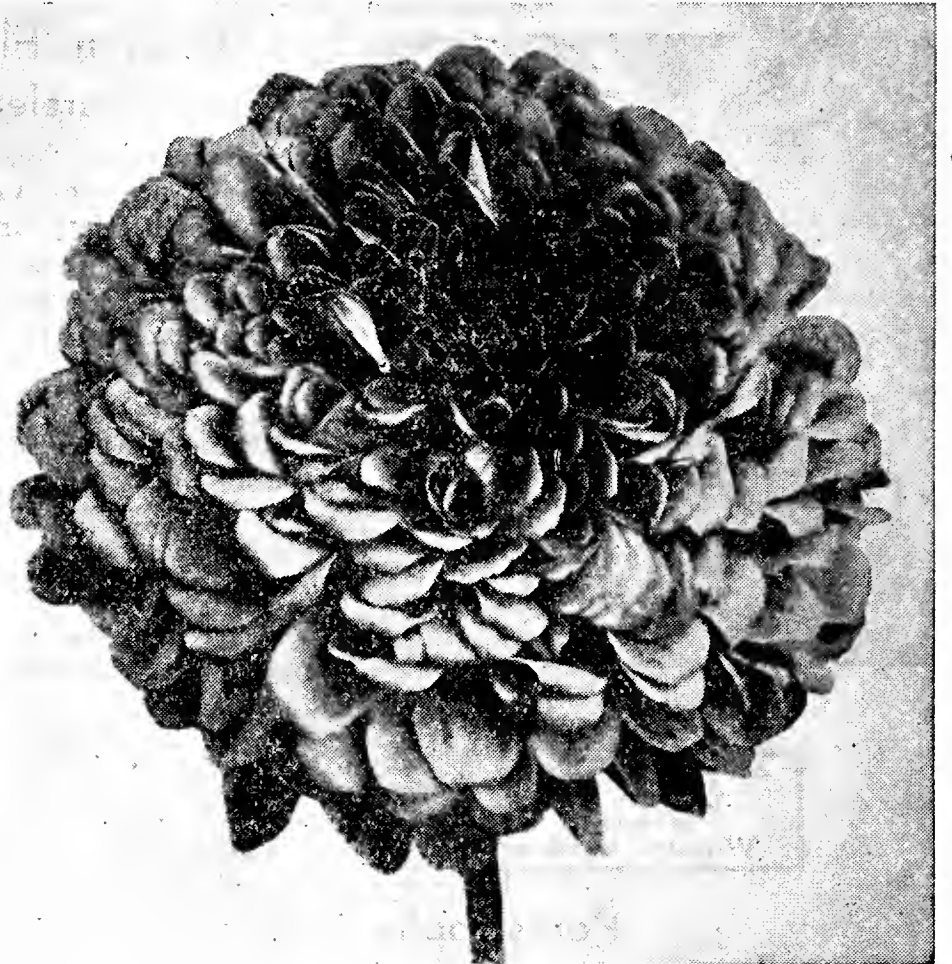
Price of above two Violet varieties, each, strong 3-inch pot plants, 30c; 3 for 75c.

## Vinca

(See Japanese Tubs, Page 11)

This is without a peer as a decorative vine for porch boxes and hanging baskets. The demand for it in the United States runs into the millions each year, and is steadily growing.

Either in green foliage or variegated. Each, 3-inch pots, 20c; 6 for \$1.00. Each, 4-inch pots, 40c; 6 for \$2.00.



"Temple" Dahlia-Flowered Zinnia

## Our Wonderful Temple Zinnias Giant Dahlia Flowered

The largest and most beautiful strain of these fine annuals and in a variety of gorgeous colors. The plants we offer are all of the standard and novelty shades, healthy, strong and vigorous. To insure good plants for extra early flowering we are growing quantities in 3-inch pots. Prices from pots, per doz., \$1.25; bench grown, per doz., 50c.

# PALMS

No collection of plants is complete without Palms. Our Palm house receives most enthusiastic attention from our many visitors. The varieties listed below are the best for house culture in the Northwest.

**CULTURE**—Water the soil about twice a week and sponge the leaves frequently with tepid water, to preserve health and discourage the accumulation of dust or marauding pests.

**Phoenix Roebelenii**—A very dainty and graceful Palm, having a dense growth of light and feathery foliage. Hardy and very easy to care for. Price, each, 4-inch pots, \$1.00; 5-inch pots, \$1.50 up to \$2.50.

**Kentia Belmoreana**—One of the most graceful varieties of Palms on the market. Their long arching stems and fan-like canopy of richest green make them general favorites. They are very hardy and can be grown in the house for years with wonderful success. Each, \$1.00, \$1.50, \$2.00, \$4.50.



One of Our Fine Kentia Palms

### OUR SPECIAL PALM OFFER

1 Fine Strong Phoenix Palm

1 Fine Strong Kentia Palm

Both sent prepaid to you for \$1.50



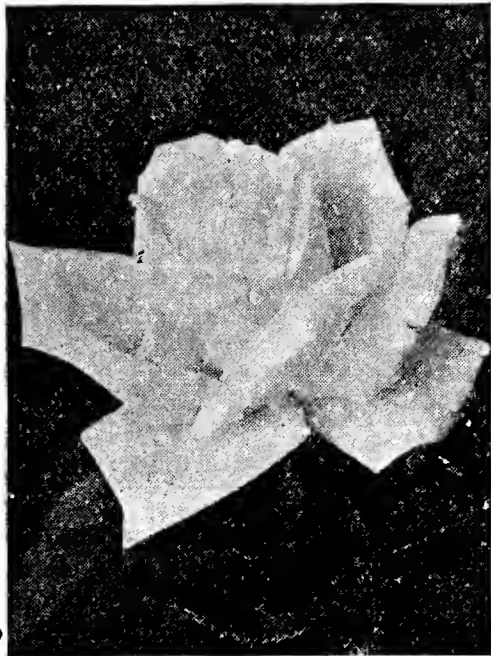
ROSES

Our Peerless large one and two-year-old Roses that grow in Montana and the Northwest. All of our Roses listed on this page come to you dug with a ball of earth at the roots. Thus the root systems are undisturbed and growth is unchecked.

Our Rose Plants

Our prices are prepaid. Notwithstanding the fact that the practice adds materially to the cost of delivery, we ship only Rose plants which retain the ball of earth in which the plants were grown. This is of great value to our customers because it practically eliminates the danger of slow starting or loss of plant due to drying out or other injury to the delicate root system of the plants. The only care necessary in planting our Roses is to set them out as soon as practicable after delivery, firming the earth tightly around the roots and soaking thoroughly and to take care not to disturb the ball of earth around the roots.

Because of this method of handling our Roses should not be confused or compared with those from most firms, since it is a general practice with most nurseries to ship plants from which all earth has been washed, greatly increasing the danger of the roots drying out in transit and of other injuries to the plants.



Fr. Karl Druschki

**American Beauty**—One of the largest, sweetest and best of all hardy Roses. It is a quick grower, constant bloomer; color, rich rosy crimson, shaded and veined in the most charming manner. One of the finest Summer Roses.

**Briarcliff**—Bud one-third longer than Columbia, very large, long pointed flower, lasting, moderate fragrance, deep rose-pink at center, passing to lighter on outer petals, with a touch of citron-green at base, borne singly on long, strong stem.

**Commonwealth**—A deep pink, of medium strong stems, of moderate fragrance. Buds large, long and pointed, the open flowers being double and very lasting.

**Frau Karl Druschki**—Commonly known as the Snow Queen or White American Beauty. One of the purest white Roses known. Very large blossoms with immense petals of splendid substance.

**General Jacqueminot**—"General Jack"—A celebrated Rose with shapely buds and handsome flowers of brilliant velvety crimson. Very fragrant.

**Kaiserin Augusta Victoria**—One of the best white Roses ever introduced. A most sturdy grower with large perfectly formed and fragrant flowers.

**Hermosa**—A dandy for Montana; introduced in 1840, but still retains its popularity. While it is of the Bourbon type, it is of a free-blooming nature, with finely formed flowers of a soft deep pink.

**Clothilde Soupert**—Often called the Cemetery Rose, as it will bloom and thrive with so little care. It is a cluster bloomer, white, shading to a light pink, of dwarf growth and very fragrant.

**Sunburst**—A splendid Rose of vigorous habit and one of the largest of the H. T. type. The color is an orange-copper or golden orange, very intense, giving a most brilliant effect. It has proven a fine garden Rose for the Northwest.

**Gross an Teplitz**—or **Prairie King**—A dazzling, fiery crimson Rose, one of the best for the Northwest.

**Legion**—A lasting cerise-red which produces well-shaped globular, fragrant buds. One of the finest cut flower varieties.

**Los Angeles**—One of the finest Roses ever introduced. The growth is vigorous and produces a long-stemmed flower of a luminous flame-pink, toned with coral and tinged with gold at the base of the petals.

**Mrs. F. R. Pierson**—A rich deep red, of fine foliage and very few thorns, very fragrant and free flowering. It is the red Rose of the season.

**Mme. Caroline Testout**—Clear, bright satiny pink; flowers very large and extremely showy. The famous Rose of the City of Portland.

**Premier**—Dark pink flowers of full size. Very fine form and pleasing fragrance, borne singly on stiff, almost thornless stems.

**Rose Hill**—A new sport from Columbia, color a brilliant pink. Fine bud and flower. A good Summer Rose and destined to be the most popular pink Rose ever introduced.

**Rapture**—A second generation sport of Ophelia through Butterfly. It is intensely brilliant in its vivid coloring of bright apricot, coral, rose and gold; it has more petals than its parent, and produces more blooms per plant than the Butterfly.

**Talisman**—One of the most astounding novelty Roses produced in many a year. Its brilliant orange red buds open to a large fragrant, high-pointed bloom of glowing golden yellow, stained with copper red and orange rose on the inside of the petal.

**Templar**—Clear, even shade of red of exceeding double form and strongly perfumed. Vigorous, upright, abundant and continuous bloomer.

**Pink Radiance**—Flowers are a beautiful shade of the richest tone of pink. Darker on the inner surface of the petals than on the margins. The buds are exceptionally large and fine.

**Red Radiance**—Stands among red Roses without a superior. It is a remarkable bloomer.

OUR PRICES—PREPAID

Large 2-year-old plants, \$1.50 each; 6 for \$7.50.  
One-year-old plants, 50c each, 10 for \$4.20.

SPECIAL OFFER—A

3 Varieties Our Selection of Large 2-Year-Old Roses. Roots Dug with Ball of Earth  
Prepaid—\$3.45—Prepaid

SPECIAL OFFER—B

3 Varieties Our Selection of Fine 1-Year-Old Roses with Ball of Earth at Roots  
Prepaid—\$1.10—Prepaid

We are listing only such stock that after years of experience we can recommend for hardiness and blossoming propensities. Our Montana-grown Roses are Roses of quality that will give results and are not to be compared with dormant stock shipped in by some houses.



Talisman

Unless Otherwise Directed We Shall Ship All Roses for Outside Planting at Proper Time to Set Out



# CLIMBING, RAMBLER AND RUGOSA ROSES

## Climbing Roses

### THE SENSATIONAL NEW HARDY CLIMBING ROSE

#### Blaze

Introduced for the First Time

(See Front Cover)

**Blaze**—(Everblooming Paul's Scarlet Climber)—Plant Patent No. 10. A seedling of Paul's Scarlet Climber and Gruss an Teplitz or Prairie King. A marvelous, hardy, everblooming scarlet red rose, combining the bloom and growth of Paul's Scarlet Climber with the everblooming habit of the Gruss an Teplitz. Very vigorous and seldom out of bloom. Can be pruned very low for bedding; medium for shrub use; or trained as a climber. Price, each, \$3.00 prepaid.

**Paul's Scarlet Climber**—One of the hardiest and best of the climbing Roses, bearing large semi-double scarlet shaded crimson flowers, long blooming and holding flowers long after many June bloomers have dropped their petals.

**Climbing American Beauty**—This is one of the best of the climbing Roses and a very strong, vigorous grower. It is a seedling from the well known American Beauty. Almost a continuous bloomer, a vigorous climber and is extremely hardy. The flowers are a rich rosy crimson.

**Dorothy Perkins**—Shell pink, very fragrant, blooms in clusters, vigorous climber.

**Crimson Rambler**—This Rose is of vigorous growth. It flowers in clusters forming a mass of vivid crimson beauty. Prices of Climbing Roses except Blaze, 1-year-old, 75c; 2-year-old, \$1.50 prepaid.

## Baby Ramblers

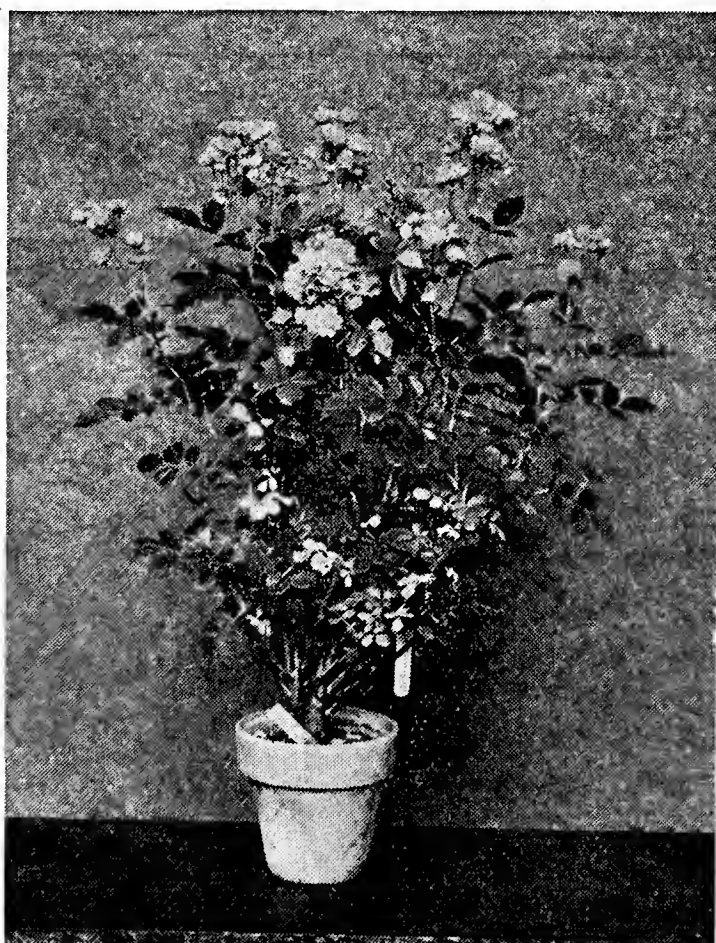
**Crimson Baby Rambler**—(Erna Teschendorf)—A dwarf form of the Crimson Rambler, with deep crimson clusters of bloom flushed with carmine.

**Pink Baby Rambler**—(Le Marne)—A dwarf type of bushy habit, producing beautiful panicles of bloom the whole Summer. Semi-double flowers, bright rose at the edges, rosy-blush inside.

**Golden Salmon**—The newest Polyantha and one of the best. The blossoms are borne in thick clusters and are semi-double. Their color is a beautiful red salmon overlaid with a sheen of orange and gold.

**PRICES OF ABOVE RAMBLER ROSES**—1-year-old, 75c; 2-year-old, \$1.50.

YOU WILL WANT ROSES THAT ARE  
ADAPTED TO THE NORTHWEST



Golden Salmon Rambler



Climbing American Beauty Rose at  
Residence of Archie Bray, Helena

## Hardy Rugosa Roses

A very hardy type that will winter over without covering.

A Fine New Hardy

Rugosa Rose

VANGUARD

(See Inside Front Cover)

**Vanguard**—A brand new Hybrid Rugosa. A new color for the Rugosa tribe. A beautiful orange, salmon and gold. Combining some of the beautiful characteristics of the beautiful Tea Rose with the extreme hardiness and vigor and blooming qualities of the Rugosa. Splendid as a specimen bush. Each, \$2.50 prepaid.

**F. J. Grootendorst**—A cross between the Rugosa Rubra and the Crimson Baby Rambler. Flowers are small, double and borne in great profusion in clusters and are a bright crimson in color. The foliage is exceptionally beautiful.

**Pink Grootendorst**—A charming shell pink form of the F. J. Grootendorst with the same true Rugosa growth. Blooms profusely throughout the Summer season. A splendid hedging Rose or Shrub for massing.

**Hansa**—A very hardy variety with dark purple red flowers. Excellent for foundation plantings.

**Sir Thomas Lipton**—A fine vigorous grower with large double white flowers. A really remarkable white Rose.

**Belle Poitevine**—A fine Rose of this type with brilliant magenta-purple flowers, produced unceasingly on vigorous plants. A splendid variety for landscape use.

**Blanc De Coubert**—Another fine double white sort which has gained rapid favor.

**Amelie Gravereaux**—A very vigorous and productive grower, producing flowers of a bright purple red, very fragrant. It is almost a climber and makes a wonderful pillar.

**Prices of Rugosa Roses** (except Vanguard): Strong 2-year-old bushes, shipped without ball of earth, each, 75c, 3 for \$1.75; shipped with ball of earth, each, \$1.50, 3 for \$3.75.



BRIAR ROSES



Rosa Hugonis

**Rosa Hugonis**—This Rose has surpassed all our expectations both in growth and beauty. For hedge purposes it cannot be equalled and it is also ideal for foundation plantings for specimen purposes. Matured bushes attain a height of six feet, with corresponding spread. The flowers are single, flat to cup shaped, set singly the full length of the arching canes. Color very noticeable and varying in shades of yellow from deep gold to canary. Extra large nice bushes, \$2.50; smaller, each, \$1.00; 3 for \$2.75 without ball of earth.

**Harrison Yellow**—A fine hardy Rose of single free flowering proclivities. This type of Rose does not as a rule require very much pruning, only to remove the dead and superfluous wood. The bushes make fine specimens for lawn and garden and need very little protection if any to stand our severe winters. The bush bears its flowers profusely and they are a rich golden yellow in color. Field grown plants, each, \$1.25, shipped without ball.

**Persian Yellow**—A large and very fine double Rose, which flowers most freely. The blossoms are of a deep golden color, being borne with great intensity with little or no pruning. This Rose is also very hardy and a very vigorous grower. Field grown plants, each, \$1.25, shipped without ball. (It is the Harrison and Persian Yellow Roses which are seen blooming so profusely around the vicinity of Mammoth Hot Springs in Yellowstone Park.)



Persian Yellow Rose



Harrison Yellow Rose

Our Peerless Rose Offer

- 1 Rugosa Rose, Red, Pink, or White, without Ball
- 1 Baby Rambler Rose
- 1 Hugonis Rose
- 3 Fine Hardy Roses

For Only \$2.00 Prepaid to You

Let Us Help You Plan Your  
Rose Garden

ROSES CAN BE SUCCESSFULLY GROWN IN MOST  
PARTS OF MONTANA

Our 43 Years of Experience in Montana and the Northwest  
Have Enabled Us to Select and Grow the Hardest  
and Most Adaptable Plants Necessary  
for Complete Success

Remember—

WE PAY DELIVERY CHARGES

To Your Nearest Postoffice or Express Station



# HARDY PERENNIALS

We are the largest growers of Perennials in the Northwest. Our collection, which affords such a wonderful and colorful display every Summer and Fall, is the largest and best in this section and we are continually adding to our stock. With no other class of plant is it possible to have as continuous a display of bloom and beauty, with as little effort, from early Spring to the killing frosts of Fall, as with Hardy Perennials. For our climate in the Northwest there is no question but that they are by far the best class of plants for those who desire a profusion of bloom for the garden with the least expenditure of effort. Give them ordinary good soil enriched occasionally with well rotted manure or Vigoro and keep them watered at proper intervals, or just simply water when you can see they are dry. As soon as the first killing frosts in the Fall have killed the top growth, remove the dead tops and cover the plants with a mulch of dead leaves or straw. In the Spring when growth has started add a little of a good commercial fertilizer and cultivate lightly into the soil; this will furnish them the food and stimulus to bring out their best growth efforts.

## Achillea

**The Pearl**—A well known form of this flower, with handsome white double flowers. Height 2 feet. Strong plants, each, 25c; doz., \$2.50. Large field grown clumps, each, \$1.00.

## Anthemis or Hardy Marguerite

**Kelwayii (Improved)**—Daisy-like yellow blossoms produced all Summer. Finely cut foliage. Excellent for cut flowers. Each, 25c; 3 for 65c.

## Arabis Alpina or Rock Cress

A very early low flowering plant valuable for rockery and edging. It forms a dense carpet, and is literally covered with white flowers. Each, 25c; 6 for \$1.25.

## Hardy Asters or Michaelmas Daisies

These beautiful Hardy Perennials grow from 2 to 3 feet high. They are covered late in the Fall with myriads of single blooms, and are exceedingly useful for cut flowers.

**Perry's White**—One of the finest whites on the market.

**Lillian Fardell**—Rosy pink.

**Lady Lloyd**—A very fine clear rose pink.

**Climax**—A fine deep blue.

**Feltham Blue**—Considered one of the best.

**Praecox**—Rosy purple.

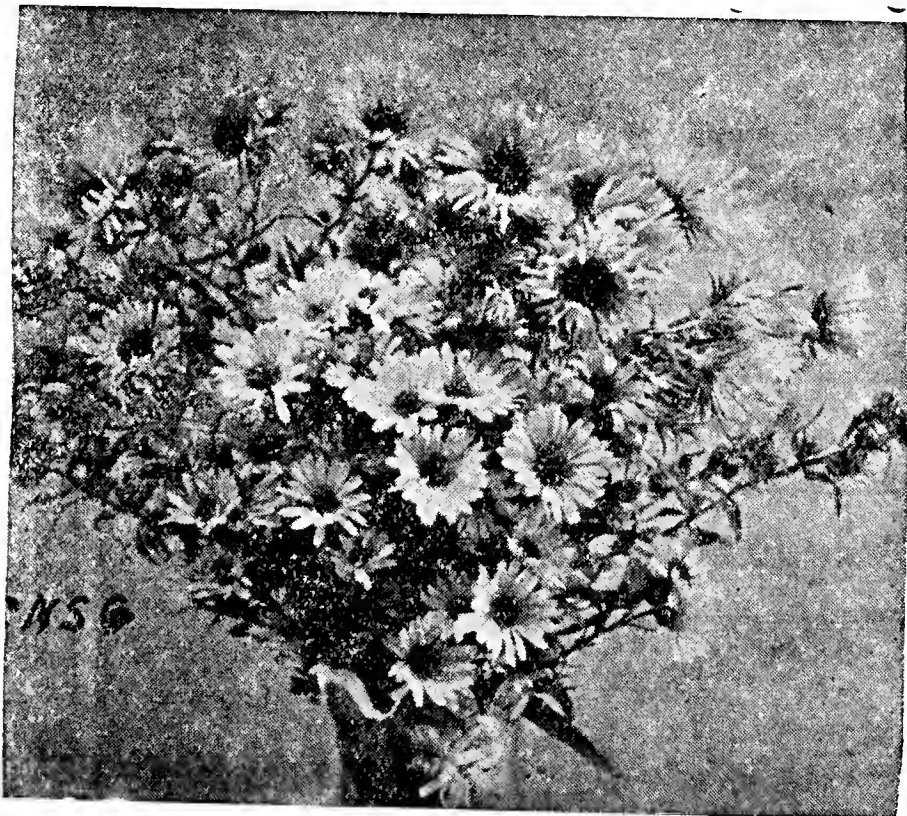
**F. W. Raynor**—Fine pink; growing about 2 feet high, very bushy habit.

Each of the above, 25c; 3 for 65c. Large field grown clumps, each, \$1.00.

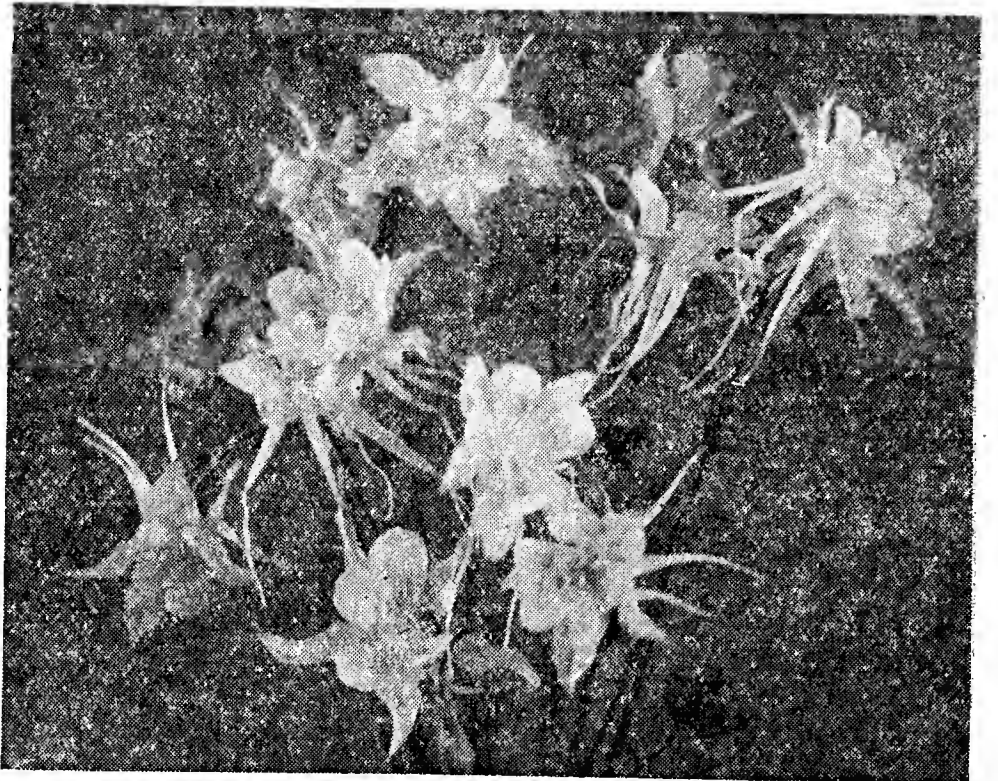
Collection of above 7 varieties for \$1.35

## Alyssum Saxatile or Gold Tuft

One of the most useful plants either for rockery or border. Produces large flat heads of yellow flowers. Early, strong young plants, each, 25c; per doz., \$2.50.



Hardy Asters



Aquilegia—Columbine

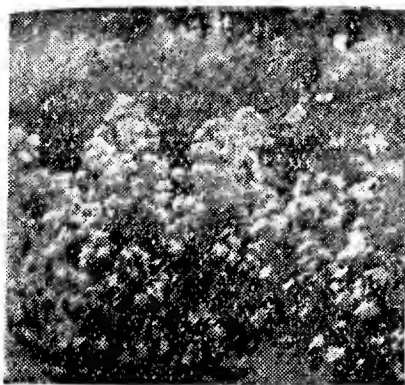
## Aquilegia or Columbine

### Our New Long Spurred Hybrids

We have been selecting flowers of the long spurred varieties until we believe we have some of the very best of this class of flower. Our strain contains the following shades: white, blue, blue and lavender, scarlet and red, and pink and rose shades. Strong young plants, each, 25c; 6 for \$1.25. Large field grown clumps, each, \$1.00.

## Anchusa Italica

**Dropmore Variety**—Very free flowering plants of a branching habit, with flowers of a gentian blue, and very attractive. Almost continuous bloomer in this section after June. Height 3 feet. Strong plants, each, 25c; 3 for 65c.



Anchusa in Our Nursery

## Arenaria

**Caespitosa**—Plants form a dense velvety green carpet and very much in demand for planting between flagstones and cavities in the rockery. Each, 30c; 3 for 75c.

## Artemisia

**Lactiflora**—A very effective and most desirable plant either for the border or as a plant among shrubbery. Height about 4½ feet. Fine foliage and large panicles of Hawthorne-scented creamy white flowers. A splendid cut flower. Each, 25c; 3 for 65c.

## Armeria—Sea Pink or Thrift

Very attractive dwarf plants that thrive in any fairly good soil. Very useful in the rockery and for the border.

**Formosa**—This is a splendid variety having heads of rosy pink flowers; is a vigorous grower and hardy. Each, 25c; 6 for \$1.25.

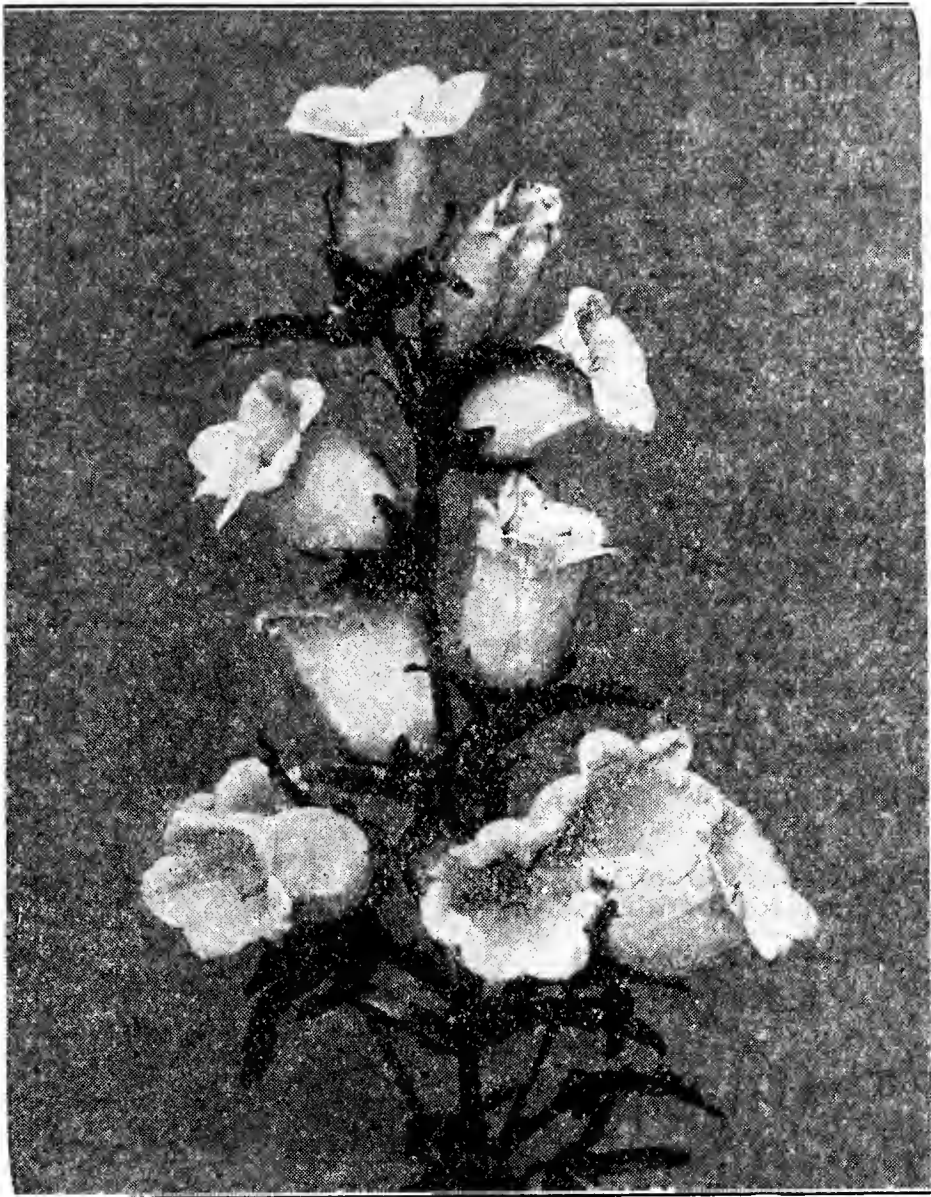
## Aubretia or Rainbow Rock Cress

Very pretty dwarf growing plants suitable for the rockery or for edging. They form masses of silvery green foliage and masses of flowers in Spring and Summer. Each, 25c; doz., \$2.50.

**Bougainvillei**—A real gem for the rockery with flowers of light violet purple. Strong plants, each, 30c; 3 for 75c.

ALL OUR PERENNIAL PLANTS ARE PREPAID





Campanula Media

**Cerastium Tomentosum or Snow in Summer**

A very desirable plant for covering as with a white carpet dry, sunny places. Low growing with white foliage and flowers. Very fine for planting on graves. Strong plants, each, 25c; 6 for \$1.25.

**Campanula or Canterbury Bell**

Our Campanulas during the past four seasons were exceptionally fine and were greatly admired by nurserymen from far and near. Campanulas love rich soil and a half shady location. Stake the taller varieties.

**Media**—Single in colors of dark blue, white, light blue and rose. Each, 40c; 6 for \$2.00.

**Calycanthemum (Cup and Saucer Canterbury Bells)**—In this variety the calyx is the same color as the flower, giving it the appearance of the cup and saucer. We offer them in the following shades: rosy pink, dark blue and pure white. The above in 4-inch stock—all extra quality, 40c; 6 for \$2.00.

**Carpatica (Carpathian Harebell)**—A pretty species growing in compact tufts, flowers clear blue. Blooms all Summer; excellent for the rockery. Each, 30c; 3 for 75c.

**Pyramidalis (The Chimney Bell Flower)**—Blue salver-shaped flowers, 3 to 5 feet. Each, 25c; doz., \$2.50.

**Chrysanthemum Maximum or Shasta Daisy**

A few Shasta and Elders Daisies should be in every garden. Fine for cut flowers and garden contrast.

**C. Maximum King Edward VII**—A splendid Daisy. Beautiful for cut blooms, two or two and a half feet high.

**C. Shasta Daisy—"Alaska"**—(Burbank's Improved)—Something new in Shasta, and very fine.

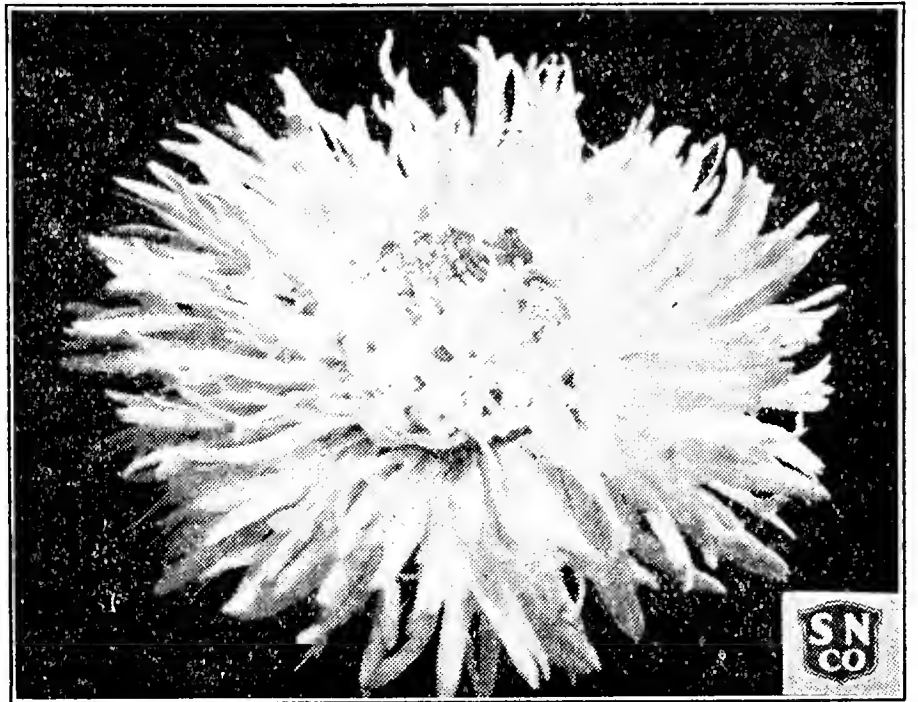
**HARTJE AND ELDER'S HARDY DAISIES**

A very useful early form of the Shasta Daisy. Very free flowering Hardy Perennial.

**Prices of Shasta and Elder's Daisies:** Each, 25c; 6 for \$1.25. Large field grown clumps, each, \$1.00.

**Cress—Water**

Cress (Water). While this Hardy Perennial aquatic plant really thrives the best along a running stream, it will prove a sturdy and successful grower if kept in very moist soil. Try a plant or so in your Lily Pool, where they will thrive to perfection. Potted plants, each 25c; 3 for 65c.



New White Double Giant Shasta Daisy

**DOUBLE SHASTA DAISY**—This new creation bears an immense double flower which resembles a giant aster very closely. The flower is white with a small double disk in the center which is hardly noticeable. The plants are extremely free flowering and the flowers are borne on strong stems. All Daisy lovers will want this fine new Daisy. Strong plants, each, 50c; 3 for \$1.25.

**Bleeding Heart—(See Dielytra page 26)****Boltonia or False Chamomile**

Among the most showy of our Hardy Perennial plants, with large single flowers, resembling a single Aster.

**B. Asteroides**—Pure white.

**B. Latisquama**—Pink tinged, lavender, each, 25c; 3 for 65c.

**Candytuft, Hardy (See Iberis, page 27)****Centaurea**

**Centaurea Montana**—The Perennial Cornflower. A very handsome Hardy Perennial, bearing blue and white flowers, growing about 18 to 24 inches. Mixed—blue and white, each, 25c; 6 for \$1.25.

**Cheiranthus**

**Cheiranthus Allioni (Siberian Wallflower)**—A beautiful rock plant, dazzling fiery orange flowers on stems about a foot high. Best used as a biennial. Each, 25c; 3 for 65c.

**Columbine (See Aquilegia, page 24)****Coreopsis**

**C. Lanceolata Grandiflora**—It bears golden yellow blooms in great profusion and lasting well into Fall. Two feet.

**C. Lanceolata Grandiflora Fl. Pl.—Semi-double**—A fine addition to the herbaceous Perennials. Bears rich golden flowers on wiry stems in great profusion. Strong plants, each, 25c; doz., \$2.50. Field grown clumps, each, \$1.00.

**Dianthus Barbatus or Sweet William**

One of the most popular of outdoor bedding plants, throwing strong stems of brilliantly colored blossoms.

**D. Latifolius Atracoccineus**—(Everblooming Hybrid Sweet William)—A brilliant Summer bedding variety producing masses of brilliant fiery crimson flowers.

**Holborn Glory**—This is a large flowered selection of the auricul-eyed section, a most beautiful Sweet William.

**Scarlet Beauty**—A very effective rich deep scarlet.

**Pink Beauty**—One of the prettiest among the Sweet Williams. Each, 25c; 6 for \$1.25.





Dianthus "Red Montana"

## Dianthus or Hardy Pinks

**Deltoides**—A beautiful little plant with narrow leaves and bearing a profusion of small, crimson flowers early in the Summer. A gem for the rock garden (see color plate). Each, 35c; 3 for 90c.

**Red Montana**—A beautiful example of type, flowers large and borne in clusters, deep red in color. A very vigorous grower and the stems are long, making excellent cut flowers. Each, 30c; 3 for 75c.

**Hardy Grenadine Carnations or Hardy Old Fashioned Pinks**—Beautiful shades of red and white. Prolific bloomers. Each, 25c; extra large plants, 75c.

**Plumarius (Clove Pinks)**—Flowers are pink, purplish and white and very fragrant; they are borne on long spikes. The plants are fine for border work or rock gardens, blooming continuously throughout the Summer. Each, 25c; 6 for \$1.25.

**Highland Queen**—The most brilliant single Perennial Dianthus in cultivation, bearing lustrous scarlet vermillion flowers. Ideal for bedding, borders or rock gardens. Each, 25c; 6 for \$1.25.

**Cheddar Pink**—A very compact grower, makes a cushion of glaucous leaves. Bears in profusion sweet scented rose-colored flowers. Ideal for the rock garden. Each, 25c; 6 for \$1.25.

## Delphinium or Perennial Larkspur

(See Color Plate)

Few plants are as stately and decorative in the garden as the Perennial Larkspur. Our stock is from world famous strains and we have selected and re-selected our plants for type, vigor, style and decorative value. They thrive under any of the climatic conditions found in the Northwest and in any of the natural soils. The flowers should be removed before the seed pods form and the plants will bloom later in the season again.

**Bella Donna**—Turquoise blue.

**Bellamosum**—Dark blue form of Bella Donna. Very free from mildew.

**W. S. McClellan**—Tall, with semi-double flowers, very dark violet, shaded white in center.

**Geraldine Kelway**—A tall variety with pale azure-blue flowers, single.

Strong plants, each, 25c; 6 for \$1.25. Large field grown clumps, each, \$1.00.

**Chinense—Blue Butterfly**—Improved. This is a fine new variety of the Chinense type. The plants average 12 inches in height, and bear rich aquamarine blue flowers and the foliage is delicate and feathery. Fine strong plants, each, 30c; 3 for 75c.



Digitalis—Foxglove

## Dielytra or Bleeding Heart

An old-fashioned favorite. Its long racemes of graceful heart-shaped pink flowers are always attractive. It is especially useful for planting in the shade. Each, 60c. Extra large field grown clumps, each, \$1.50.

## Doronicum Excelsium

(Leopard's Bane)

Splendid for cut flowers, having a good long stem. Will thrive almost anywhere. Pretty orange yellow. Very early. Strong young plants, each, 25c; 6 for \$1.25.

## S. N. & S. CO.'S MIXED DELPHINIUM HYBRIDS

After several years of selecting and re-selecting we have obtained some really exceptional varieties. Strong young plants, each, 25c; doz., \$2.50. Field grown clumps, each, \$1.00.



Bees New Hybrid Delphiniums Growing in Our Nursery

## FEATURING OUR NEW BEES HYBRID DELPHINIUMS

This new strain develops the largest and most beautiful spikes of flowers we have seen. The colors are improved shades of blue, purple, turquoise blues, etc. The individual flowers on the spikes are immense with long stems. These new hybrids will be the show of your garden. (See color plate). Strong 3-inch pot plants, each, 35c; 3 for 90c. Field grown clumps, \$1.50.

## Digitalis or Fox Glove

**Gloxinaeflora**—A beautiful strain of finely-spotted varieties in colors of white, purple, rose and lilac.

**Giant Shirley**—This variety is of extraordinary size and vigor, growing from 5 to 6 feet tall. Colors range from white and shell pink to deepest rose.

Prices of the above: Large 4-inch pot plants, each, 40c; 6 for \$2.00.



Dielytra—Bleeding Heart



## Gaillardia or Portola Hybrids

One of the most beautiful of Perennial plants. The center of the blossom is a dark reddish brown with beautiful markings of brilliant crimson, orange and vermillion, and occasionally a combination of all. Each, 25c; 6 for \$1.25.

## Geum

**Mrs. Bradshaw**—18 inches high. A splendid new variety with large double flowers of a fiery red, blooming nearly all Summer. Fine rock garden plant.

**Lady Stratheden**—A new introduction of great merit, rich golden yellow blossoms; fine for hardy garden and the rock garden. Either variety, each, 25c; 3 for 65c.

## Gypsophila or Baby's Breath

The Gypsophilas with their attractively arranged masses of minute flowers should be in every garden. If cut and dried will retain its beauty for months.

**Paniculata**—The popular old-time Gypsophila much admired for its feathery appearance. Price, each, 25c; 3 for 65c. Large field grown clumps, each, \$1.00.

**Bristol Fairy**—A wonderful new introduction; produces much larger panicles of flowers in which the individual blossom is larger and much purer white. Blooms continuously through the Summer. Plants, each, 50c; 3 for \$1.25. Field grown clumps, \$1.50.

## Helenium or Sneeze Wort

**Riverton Beauty**—Striking colored blooms, lemon yellow and purplish black. Each, 25c; 3 for 65c.

**Riverton Gem**—Old Gold, changing to wallflower red. Price, each, 25c; 3 for 65c.

## Helianthemum, Rock or Sun Rose

Low-growing evergreen plants, forming broad clumps, and which during their flowering season, July to September, are hidden by a mass of bloom; excellent for border plants or for the rockery. Each, 25c; 3 for 65c.

## Heliopsis or Orange Sunflower

A valuable addition to the hardy border, blooming earlier than the sunflowers, and rarely exceeding three feet.

**H. Pitcheriana**—Flowers about two inches in diameter, double, of a deep golden yellow. Continuously in bloom all Summer. A splendid cut flower. Each, 25c; 6 for \$1.25.

## Heuchera or Coral Bells

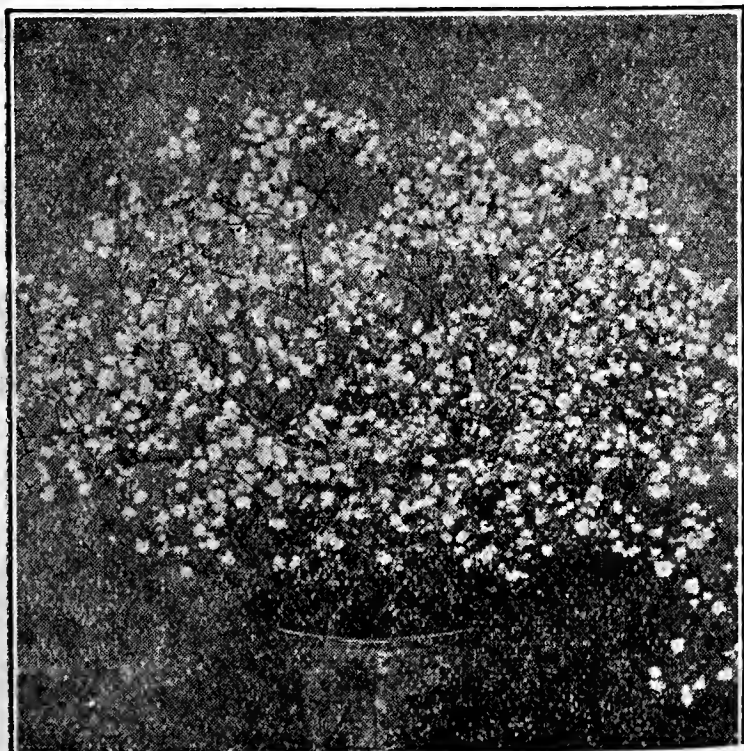
A splendid Hardy Perennial, with flowers of a bright red coral color. Excellent for cutting. Each, 25c; 3 for 65c.

## Iberis or Candytuft

A most desirable hardy dwarf evergreen plant flowering very early in the Spring.

**Iberis Sempervirens**—Pure white, innumerable flat heads of bloom. Each, 25c; 6 for \$1.25.

**Iberis Gibraltarica**—A very free flowering variety with white flowers shading to lilac. Each, 25c; 6 for \$1.25.



Gypsophila—Bristol Fairy



Hollyhock—Imperator

## Hollyhocks

**Imperator-Hollyhock**—A striking departure from the type in this splendid new Hollyhock. Outer petals elegantly fringed; in the center is a very double rosette about two inches across. Many charming color combinations. Strong 4-inch potted plants, each, 35c; 6 for \$1.85; doz., \$3.50.

## Standard Varieties

The strain we offer must be seen to be appreciated, for the flowers are exceptionally large. Give them a well fertilized soil with well rotted manure deeply spaded, sufficient drainage together with plentiful supplies of water during the growing season, and success is assured in any location.

All plants come with a ball of earth from 4-inch pots and are good, strong stock that will give excellent results. The following colors:

WHITE  
DEEP ROSE  
CRIMSON  
MAROON

BLOOD RED  
SALMON  
YELLOW  
PINK

From 4-inch pots, each, 35c; 6 for \$1.75

## Hardy Ferns

Fine strong hardy plants. Just the thing for that shady nook in the garden or for the rockery. Two sizes, 35c each, 3 for 90c, and 65c each, 2 for \$1.15.

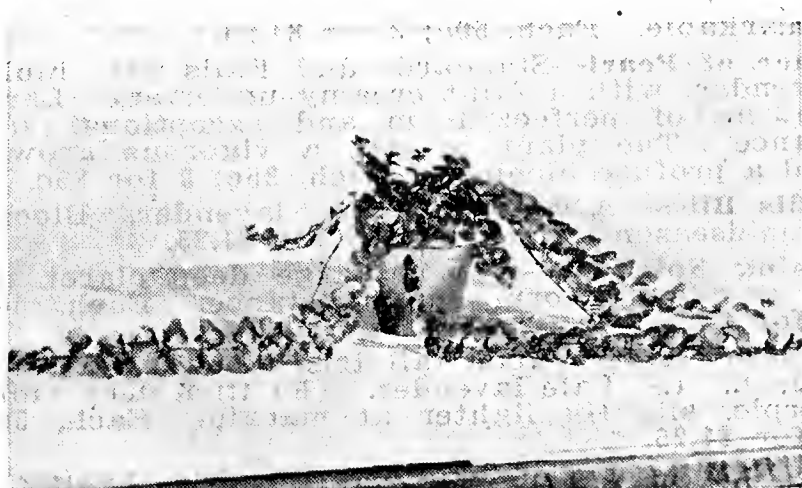
## Lathyrus or Everlasting Sweet Pea

This is a Hardy Perennial Vine, growing to a height of about 3 to 4 feet, and after it once becomes established makes a thick screen or hedge if given support. They are very free bloomers, bearing flowers much resembling Sweet Peas. Of very easy culture and will succeed anywhere. In colors of red, white and pink. Each, 1-year-old plants, 25c; 3 for 65c.

## Lysimachia or Loose Strife

(Creeping Jenny or Moneywort)

A well known evergreen trailer bearing yellow flowers from June to August. Used for planting spots under trees, etc., where grass will not grow. Thrives anywhere, and is very hardy. Each, 25c; 6 for \$1.25.



Lysimachia—Moneywort



## IRIS



The improvements that are being made in the Iris from year to year are so remarkable that if you have not seen the introductions of the past few years you have no conception of what the modern Iris is like. Our Iris must not be confused with the old types and our list below contains a choice selection of beautiful and adapted types. Plant in a well drained sunny location and place the roots two or three inches under the ground with about an inch of soil over the rhizome where the roots start. The size of rhizomes varies greatly with different varieties. In the descriptions that follow "S" indicates the standards or upper petals and "F" the falls or lower petals. Plant in Fall or Spring.

**OUR HIGH ALTITUDE IRIS COLLECTION**  
 8—Choice Named Varieties—8  
 Selected by Us  
 Delivered Prepaid to You  
 FOR ONLY \$1.00

**Ambassadeur**—One of the very finest and most showy of Irises. A tall, well branched, and very robust grower, producing flowers of exceptional substance. The "Standards" are lavender and the "Falls" deep red violet with a rich orange beard. Each, 35c; 3 for 85c.

**Dalla**—A most excellent variety. (S) White, slightly tinted with lilac. (F) Rich violet red with some white and brown veins at base. Orange beard. Each, 30c; 3 for 75c.

**Lord of June**—(S) Light lavender blue. (F) Deep lavender blue reticulated brown at base. Tall plant with very large blooms. Each, 35c; 3 for 85c.

**Marsh Marigold**—A good Iris which blooms in mid-season. (S) Good deep yellow. (F) Reddish-purple with a yellow border. Each, 50c; 3 for \$1.25.

**Madame Chereau**—(S & F) White. The glory of this wonderful Iris lies in its ruffled edge of turquoise blue. The base of the petals has a waxy snow crystal appearance. Excellent for cut flowers. Each, 30c; 3 for 75c.

**Gold Imperial**—Chrome yellow with orange beard. This new Iris has a rare finish of texture and form. Each, 50c; 3 for \$1.25.

**Madame Gaudichau**—A rich deep velvety purple Iris of fine shape and finish. Tall, early, and very distinct. One of the most striking and remarkable. Each, 50c; 3 for \$1.25.

**Mother of Pearl**—Standards and Falls pale bluish lavender, with a faint creamy undertone. Large flowers of perfect form and exceptional substance. The plant is tall, a vigorous grower, and a profuse bloomer. Each, 35c; 3 for 85c.

**Phyllis Bliss**—A good pale rose lavender. Blooms in midseason. Each, 50c; 3 for \$1.25.

**Morning Splendor**—A very large deep claret red of wonderful form and substance. Each, 50c; 3 for \$1.25.

**Prospero**—A very good tall Iris, blooming in mid-season. (S) Pale lavender. (F) Rich deep violet purple, slightly lighter at margin. Each, 50c; 3 for \$1.25.

**Taj Mahal**—A wonderful white Iris having a smooth, lustrous texture. Flowers are very shapely and large and of firm substance. Each, 50c; 3 for \$1.35.

## OUR SPECIAL LIST OF IRIS

At 20c Each—3 for 50c

**Black Prince**—(Kochi)—(S) Purple lilac. (F) Rich velvety black.

**Flavescens**—A delicate shade of soft yellow. A vigorous type.

**Gypsy Queen**—(S) Old gold shaded with pearl. (F) Black maroon, reticulated with light yellow. Late, 24 inches.

**Lorlei**—(S) Lemon yellow. (F) Ultramarine, blue bordered cream, a profuse bloomer that shows off to perfection in the sun's brightest hours.

**Plumeri**—(S) Coppery rose. (F) Velvety claret. Tall.

**Purple Queen**—(S & F) Large deep purple. Very early.

**Prosper Laugier**—(S) Light bronze-red. (F) Velvety ruby purple with white beard. Yellow tipped. Very handsome. Vigorous grower.

**Walhalla**—(S) Lavender. (F) Violet purple. An early strong grower and free bloomer.

## OUR SPECIAL LIST OF IRIS

At 25c Each—3 for 65c

**Cordelia**—(S) Rosy lilac. (F) Rich crimson purple. A very handsome late flowering variety. One of the best.

**Florentina Alba**—(S & F) Creamy white flushed with lavender. Very fragrant.

**Gertrude**—Deep violet blue. Very fragrant.

**Her Majesty**—(S) Lovely rose-pink. (F) Bright crimson tinted with a brighter shade. A most beautiful variety.

**Iris King**—(S) Orange to copper yellow. (F) Cherry red shading to maroon with narrow yellow edge. Yellow beard with yellow stripes at base of petals.

**Monsignor**—(S) Bluish lavender. (F) Violet with white pencilings at throat. Flowers of immense size and great substance.

**Quaker Lady**—(S) Smoky lavender with yellow shadings. (F) Ageratum blue and old gold.

**Rhein Nixe**—(S) White. (F) Violet blue with white edge. Tall and large, strong grower, very fine.

**Queen of May**—This is the Queen of the Iris. (S & F) a light lilac pink. This variety is the nearest to pink in Iris.

**Pumila Cyanea**—Dwarf Iris—Rich dark purple. Does not grow over a foot high. Very prolific bloomer. Fine for rock gardens. Each, 20c; 3 for 50c.

**Opera**—This is one of the richest violet-toned bicolors. It is quite deservedly one of the most popular varieties. Each, 50c; 3 for \$1.25.

**Lent A. Williamson**—Rated in 1922 by the American Iris Society as the finest Iris in the world. (S) Campanula blue. (F) Rich royal purple with yellow beard. Very tall and distinct. Each, 50c; 3 for \$1.25.

## Liatrus or Gay Feather

**Pycnostachia**—A beautiful and odd plant, midsummer flowers showing a blaze of light rosy purple from the tip to base of each feathery stalk. Price, each, 25c; 3 for 65c.

## Linum or Blue Flax

A desirable plant for the border or rockery; graceful foliage and beautiful blue flowers borne in profusion. Each, 25c; 3 for 65c.



## Hardy Lilies

**Hemerocallis—Flava—**(Lemon Day Lily)—Sweet-scented, clear yellow, 2½ inches. Flowers in June. Strong plants, each, 25c. Large field-grown clumps, each, \$1.00.

**Tiger Lily—**Very large flowers, orange and black. Very floriferous. Each, 25c; 3 for 65c.

**L. Candidum—**Madonna or Annunciation Lily. Large white, fragrant and perfectly hardy. Each, 35c; 3 for 90c.

**L. Rubrum—**Rosy pink with Amaranth spots and reflected petals. Each, 35c; 3 for 90c.

**L. Auratum—**Golden banded Japanese Lily. Each, 35c; 3 for 90c.

**Easter Lily—**Has proved hardy, with protection, in our gardens. Each, 35c; 3 for 90c.

**Lilium Regale—**A magnificent Lily bearing profusely white fragrant flowers; slightly shaded pink outside and the lower inner surface primrose-yellow. Flowering size bulb, each, 25c; 3 for 65c. (See Color Plate.)

**Lily of the Valley—**Roots (pips) of this great favorite, three for 25c; doz., 75c.

## Funkia or Plantain Lily

**Variegata—**Plants easy to manage, having broad, massive variegated foliage, blue flowers; fine for edging or borders. Each, 30c; doz., \$2.75.

## Lythrum Roseum or Loosestrife

A very pretty Hardy Perennial, from 2 to 3 feet high, bearing spikes of rosy-pink flowers in great profusion from July to September. Each, 25c; 3 for 65c.

## Lychnis

**Lychnis—Arkwright—**A new introduction, 1 foot high, large orange, red, scarlet or crimson flowers. Ideal for rock gardens. Each, 35c; doz., \$3.00.

**Lychnis Chalcedonica—**A fine old-fashioned flower bearing large heads of brilliantly colored flowers that give color to the hardy border during Summer and Autumn. Very hardy. Each, 25c; 3 for 65c. Field grown clumps, each, \$1.00.

**Lychnis Alba—**A beautiful pure white form of the above, and a splendid companion to it. Each, 25c; 3 for 65c.

## Myosotis or Forget-me-not

A wonderful type for the rockery and for damp places. Large rich blue flowers with yellow eye, profuse bloomer. Each, 30c; 3 for 75c.

## Monarda or Bergamot

**Didyma Rosea—(Bee Balm)—**Showy plants growing 2-3 feet high. Rose colored flowers. Aromatic foliage. Each, 25c; 3 for 65c.

**Didyma Cambridge Scarlet—**A brilliant crimson scarlet. Each, 25c; 3 for 65c.

## Nepeta

**Mussini—**It is of compact habit, forming dense tufts about 12 inches high with masses of light violet blue flowers. Each, 25c; 3 for 65c.

**Nervosa—**A superior variety to Mussini with flowers a clear light blue. A fine subject for the rockery. Each, 30c; 3 for 75c.

## Old Man

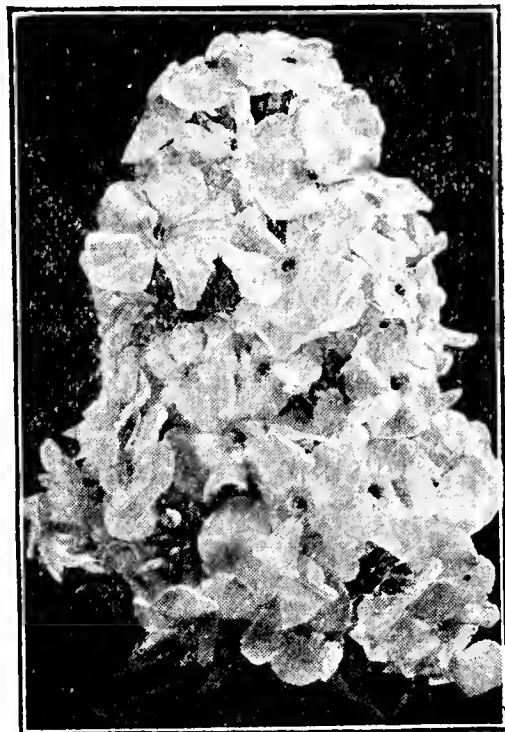
**Old Man or Southern Wood —**Dark green finely cut foliage with pleasant aromatic odor. Two feet high. Each, 25c; 3 for 65c.



## Our Hardy Perennial Phlox

For years we have specialized in the new and improved types with the result we have today a collection that has no equal in the Northwest. As a general rule they may be kept undisturbed for three or four years, after which time the clumps should be divided and reset. For growth and vitality our Northern grown stock can not be surpassed.

**Africa —**Brilliant carmine red with blood red eye. One of the best new dark red varieties grown.



Phlox—Thor

**Beacon—**An outstanding variety. Excellent size and habit. Color an unmixed ripe cherry red.

**B. Comte—**Brilliant, rich and highly pleasing to the eye. French purple, amaranth red, or wine color.

**Bridesmaid—**A pure white with large crimson-carmine eye. A beauty.

**Elizabeth Campbell—**The peer of all pink Phlox. Soft rose pink with lighter shadings and with a dark rose colored eye. The individual florets are immense in size.

**Ethel Pritchard—**A beautiful rose mauve and one of the extra fine new sorts.

**Firebrand—**One of the newest varieties. Very bright red with deeper center. Trusses large. Very strong and robust habit. One of the best.

**Jules Sandeau—**A magnificent variety, of moderate height. Flowers are extremely large and are a soft lilac pink color.

**J. G. Von Lassburg—**Splendid pure white, very free bloomer and medium early. The purest and largest white on the market.

**Milly—(Miss Milly Van Hoboken)—**A gem with immense trusses of large flowers. Color a good bright pink with soft mauve suffusion.

**Miss Lingard—**One of the easiest to grow and still one of the very best whites on the market. The flowers are borne in large trusses—blooms two weeks ahead of other varieties. Exceptionally good for cut flowers.

**Thor—**A splendid grower, never giving trouble, always full of bloom. It is one of the best of the salmon pink sorts.

**R. P. Struthers—**Bright rosy-carmine, with claret-red eye.

**Rheinlander—**One of the newer varieties of great beauty. A rare shade of salmon pink intensified by a distinct claret-red eye.

**Von Hindenburg—**This is a comparatively new variety. Creates a great many spikes and grows from 24 to 30 inches high. Its color is a brilliant deep crimson red with slightly darker eye.

Any one of the above varieties, each, 25c; 6 for \$1.25. Large two-year-old clumps from the field, each, \$1.00.

**Phlox Subulata — “Mountain Pinks” —**An early flowering type with pretty moss-like evergreen foliage, which during May and June is hidden under the masses of pink bloom. Unexcelled for the rockery. Each, 25c; 3 for 65c.

### SPECIAL PHLOX OFFER

1 Thor, 1 Elizabeth Campbell, 1 Miss Lingard  
and 1 Subulata—All for 75c Postpaid



## Penstemon

The stock we list is Watkins & Simpson's Excelsior strain of world-wide reputation. They grow from eighteen inches to two feet high, bearing gloxinia-like flowers. The colors come in a variety of shades. Each, 35c; 3 for 75c.

**Barbatus Torreyi**—Spikes 2 feet long of bright scarlet flowers. Very effective for the perennial border. Each, 25c; 3 for 65c.

**Blue Gem**—A fine hardy variety with flowers of a bright blue. Particularly fine for rock gardens. Each, 30c; 3 for 75c.

## Physalis or Chinese Lantern Plant

**Francheti**—An ornamental variety of the Winter Cherry, forming dense bushes about two feet high, producing freely its bright orange-scarlet lantern-like fruits, which can be cut and dried. Each, 25c; 3 for 65c.

## Physostegia, False Dragon or Virginia Heather

A beautiful Hardy Perennial, forming dense clumps four or five feet high, with long spikes of tubular pink flowers like a gigantic Heather and very valuable for cut flowers. Each, 25c; 3 for 65c.

## Oriental Poppies

These really wonderful Perennial Poppies with their rich and gorgeous coloring stand out during their flowering season pre-eminently above all other flowers. Their large blooms—perhaps the largest of any of the Hardy Perennials—with their brilliant colors will attract the attention of any flower lover. They are of the easiest culture. Water freely during the flowering period.

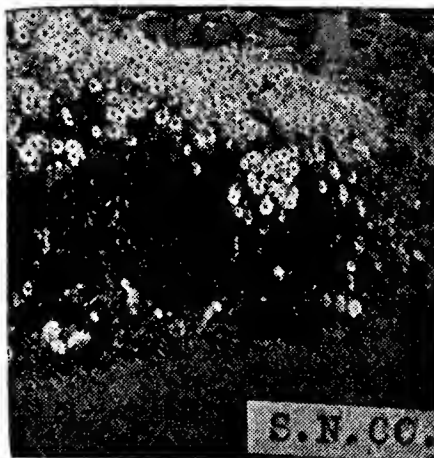
**Princess Victoria Louise**—Salmon pink.

**Goliath**—A large flowered bright scarlet of strong growth.

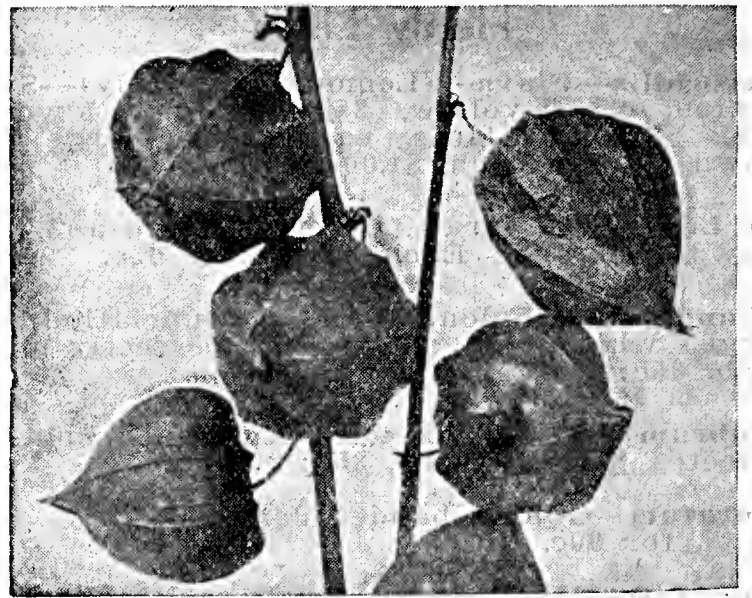
Strong plants, each, 25c; 3 for 65c. Large field grown clumps are available for early Spring planting or in the Fall. Each, \$1.00.

## Iceland Poppies

One of the very first of Hardy Perennials to bloom in the Spring and to continue a mass of bloom for months. **New Sunbeam Varieties**—This particular strain is a great improvement on the older varieties. The colors are a rich, deep orange, lemon and white. Each, 25c; 3 for 65c.



Pyrethrum Uliginosum



Chinese Lantern

## Plumbago

**Larpenae**—This is one of the most desirable border and rockery plants. A dwarf spreading grower covered with a mass of deep blue flowers during late Summer and Fall just when this color is usually lacking from the garden. Each, 30c; 3 for 75c.

## Potentilla

**Single Hybrids**—Charming hardy plants for the border. Flowers of orange, red and crimson tones produced in profusion during the Summer. Each, 25c; 3 for 65c.

## Pyrethrum

Too much cannot be said about this superb Perennial, which will thrive under almost any conditions. Splendid for cutting.

**Pyrethrum Uliginosum—(Giant Daisy)**—This Hardy Perennial grows from 3 to 4 feet high and produces in great profusion large daisy-like flowers. Strong plants, each, 25c; 3 for 65c.

**Hybridum Mixed (Single)**—In the choicest shades of red and pink. June flowering. Strong plants, each, 25c; 3 for 65c. Field grown clumps, each, \$1.00.

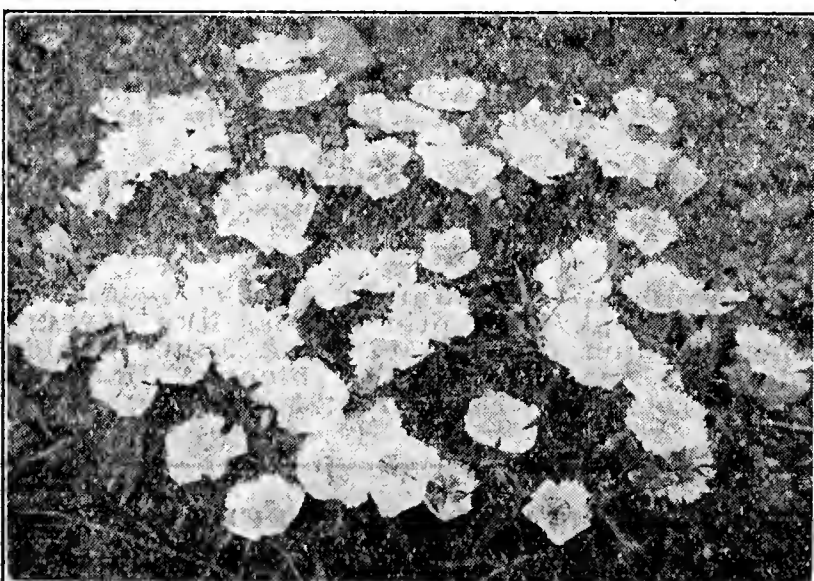
### OUR LITTLE PRUNING BOOK

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each, postpaid, 25c.

Remember Our Prices Are Prepaid

### WHEN COMPARING PRICES

Remember that our prices on Plants, Roots, Trees and Shrubs, except Evergreens, mean delivered to your nearest postoffice or express station.



Clove Pinks (See Page 26)

## Our Peerless Perennial Collections

### No. 1.

8 Strong Plants all Named Varieties

(Selected by Us)

Sent Prepaid to You for Only

**\$1.55**

### No. 2.

12 Strong Plants all Named Varieties

(Selected by Us)

Sent Prepaid to You for

**\$2.25**





Platycodon

## Platycodon

### Balloon Flower—or Japanese Bell Flower

The Platycodons are closely allied to the Campanula or Canterbury Bells. They form neat branched bushes of upright habit, growing about eighteen to twenty-four inches in height. They bear blue or white flowers in great profusion from July to September. Splendid for the hardy border. Each, 25c; 3 for 65c.

## Primula or Hardy Primrose

**Auricula Alpina**—One of the treasures of the rock garden. Attractive growth, rosette of thick leaves. Flower stalks rise to a height of 6 to 8 inches bearing heads of bloom of various colors. Large strong plants, each, 35c; 6 for \$1.75.

**Primula Polyanthus Veris Hybrids**—With colors ranging from lilac purple and violet to buff orange and red. Strong 3 and 4-inch stock, each, 35c; 6 for \$1.75.

## Rudbeckia or Golden Glow

Is too well known to need a lengthy description. Perfectly hardy, and will succeed anywhere. Its rich golden yellow colored spikes of flowers reach a height of 4 feet. Each, 25c; 3 for 65c.

## Saponaria

**Ocymoides**—A very pretty border and rockery plant. During the Summer months it produces a mass of small bright rosy pink flowers. Price, each, 30c; 3 for 75c.

## Sedum

**Spectabile**—It attains a height of 18 inches with broad light green foliage, and bears immense showy heads of rose-colored flowers. One of the best plants to stand dry weather. Fine for the border garden and especially useful for cemetery work. Each, 30c; 3 for 75c.

**Kamschaticum**—Bright orange-yellow flowers with prostrate green foliage turning golden in Autumn. Each, 30c; 3 for 75c.

**StimUplanT**  
Makes a  
Wonder Garden

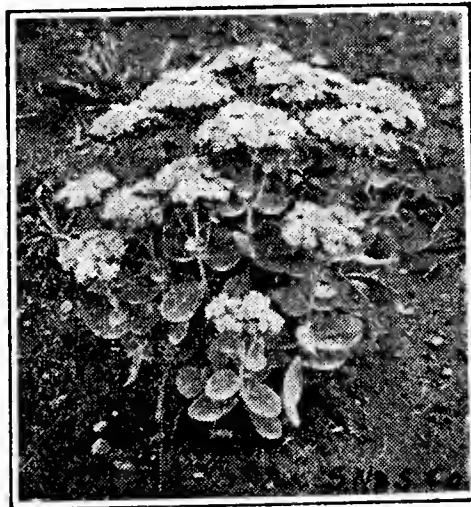
Shasta Daisy—See Chrysanthemum Maximum, page 25

Sweet William—See Dianthus, page 25

**StimUplanT**  
Makes a  
Wonder Garden

## Statice, Great Sea Lavender or Limonium

**S. Latifolium**—A noble plant for the hardy border. Produces clumps of leather-like leaves, with heads of bloom covered with small lavender flowers and lasting until frost. The flower sprays when cut and allowed to dry will keep in almost their fresh cut appearance for months. It has a fine appearance in the hardy border and has wonderful keeping and decorative qualities when cut and dried. Each, 25c; 3 for 65c. Field grown clumps, \$1.00.



Sedum Spectabile

## Scabiosa

**Caucasica**—One of the handsomest of the Hardy Perennials, bearing on long wiry stems beautiful artistic lavender blue flowers. A fine cut flower, 18 to 24 inches. Each, 25c; 3 for 65c.

**Blue Bonnet**—Dwarf compact Perennial variety of this ever-popular flower. Price, each, 25c; 3 for 65c.

## Sweet Wivelsfield

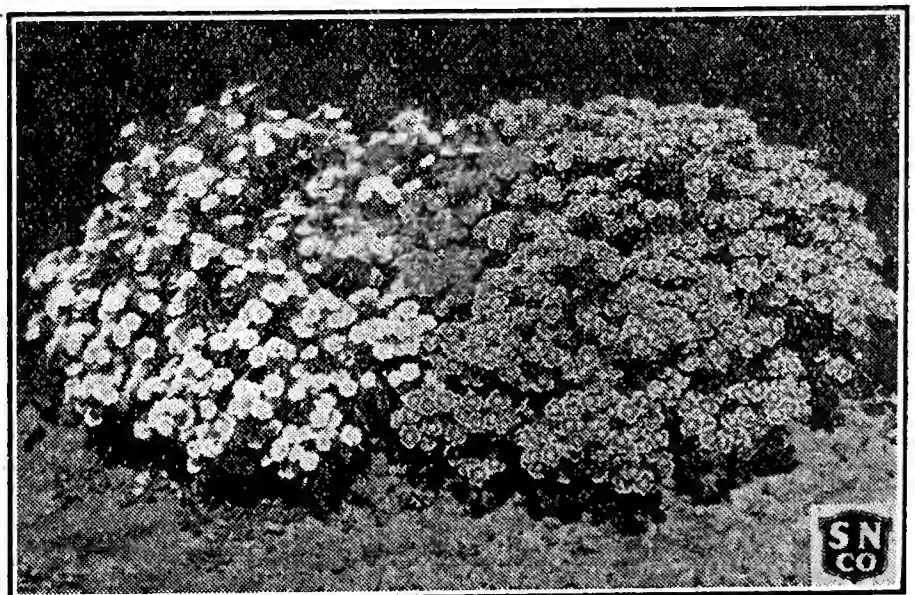
**Dianthus Allwoodi**—Crossed with Sweet William (Dianthus Barbatus). Few plants can compare with it for wealth of color and length of flowering season. It is distinct in habit and freedom of growth. Wonderfully colored flowers in trusses and perpetual flowering. Plants, each, 25c; 3 for 65c. Field grown clumps, \$1.00.

## Stokesia or Cornflower Aster

**Cyanea**—A beautiful hardy plant, bearing freely all Summer handsome light blue blossoms of immense size. The plants are of very easy culture and an excellent border or rockery plant. Price, each, 25c; 3 for 65c.

## Trollius, Globe Flower or Giant Buttercup

**Mixed Hybrids**—Desirable free flowering plants. Colors ranging from pale yellow to a deep orange. Succeed well in a half shady location and they are wonderful for cut flowers and a gem for the rockery. Mixed colors only. Each, 35c; 3 for 90c.



Sweet Wivelsfield



## Salvia

**Azurea**—Rocky Mountain Species. A fine Hardy Perennial averaging 3 to 4 feet in height under normal growing conditions. Produces late in the Summer pretty spikes of sky-blue flowers. Each, 25c; 3 for 65c. Strong field grown clumps, \$1.00.

## Sweet Rocket or Hesperis

A Perennial that will succeed in any location, producing large spikes of blossoms varying from white to lilac. The plant is of a bushy nature and grows from 3 to 4 feet high. Price, each, 25c; 3 for 65c.

## Thalictrum Dipterocarpum or Meadow Rue

This beautiful hardy plant is too little known. It is a real gem for the hardy border, and its graceful sprays of violet flowers, brightened with a bunch of yellow stamens, are invaluable for cutting; 4 feet, each, 30c; 3 for 75c. Field clumps, \$1.00 each.

## Tritoma or Red Hot Poker

A very handsome and showy border plant with rush-like foliage. The blossoms are unique in shape, the lower petals being tinged with orange, ultimately becoming a brilliant flame red at the top. Flowering season July to September. Must be carefully protected, or lifted and carried dormant in dry sand or earth during Winter. Each, 30c; 3 for 75c.

## Valeriana Officinalis or Hardy Garden Heliotrope

A fine hardy plant, with very showy heads of bright rose flowers, produced in great numbers on stems about three feet high, heliotrope scented. A constant bloomer until frost. Each, 25c; 3 for 65c. Field grown clumps, \$1.00.

## Variegated Grass or Eulalia

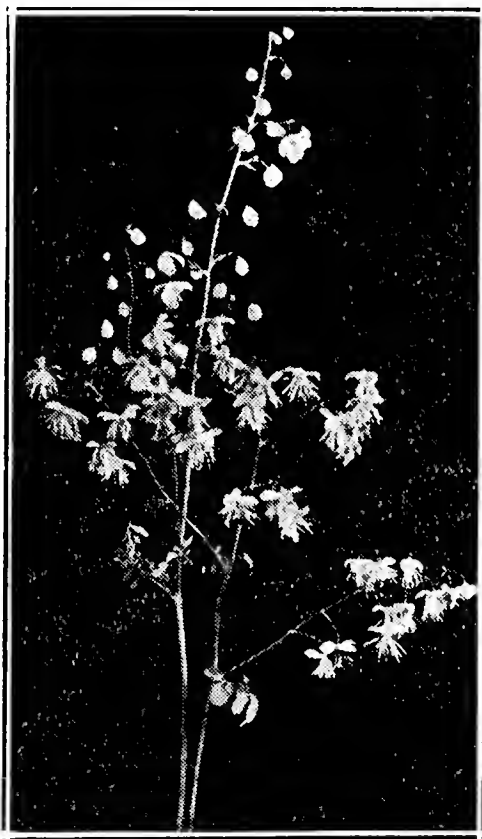
A very handsome, hardy, variegated grass which gives a touch of color to any hardy border. This plant is also especially useful for hedge purposes. Each, 25c; 3 for 65c.

## Veronica Spicata

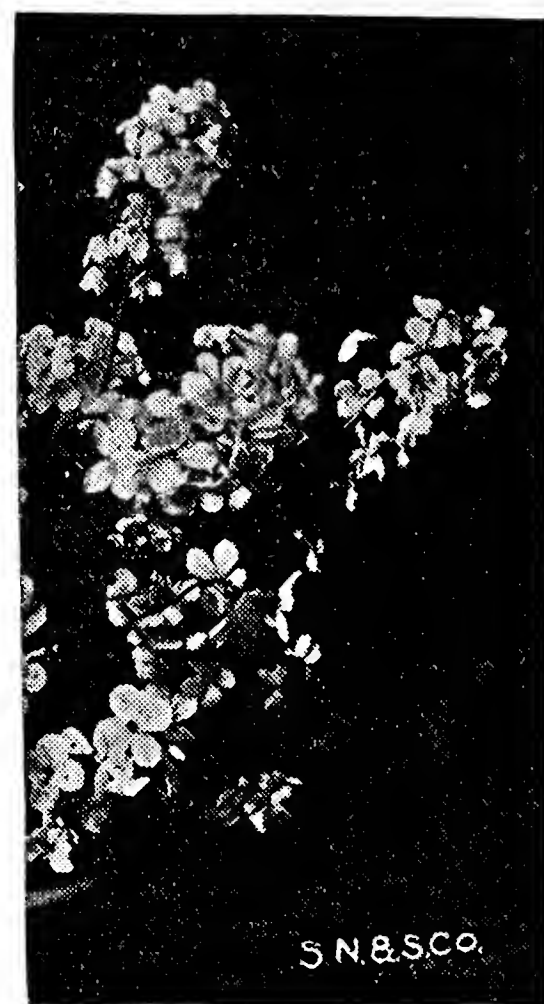
This well known "Speedwell" is one of the best of the genus, bearing long spikes of blue flowers from July until the early frosts. One to two feet. Strong plants, each, 25c; 3 for 65c. Large field clumps, each, \$1.00.

**Incana**—(See Color Plate)—A gem for the rockery in every way. Each, 30c; 3 for 75c.

**Repens**—A fine rock or carpeting plant with beautiful light blue flowers. Each, 30c; 3 for 75c.



Thalictrum—Meadow Rue



Sweet Rocket—(Hesperis)

## Vinca or Periwinkle

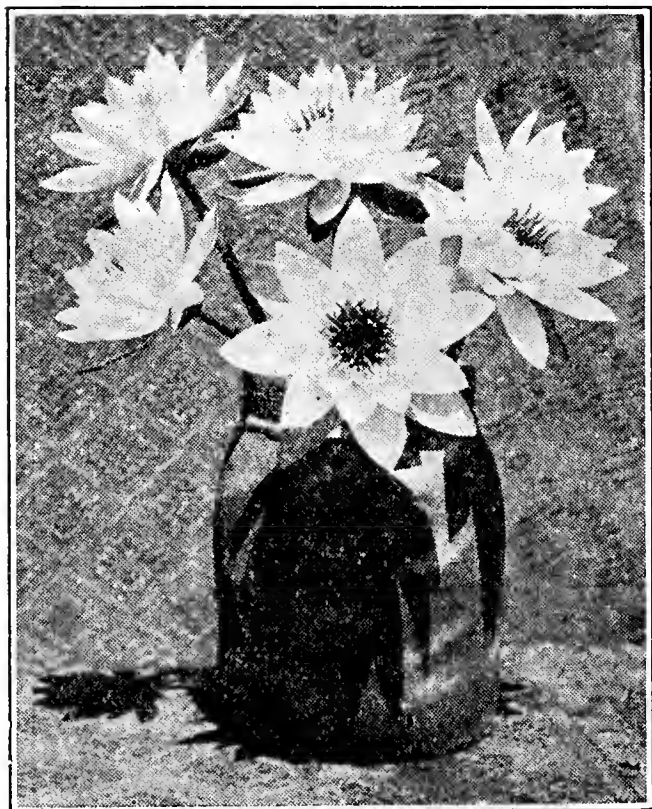
**V. Minor**—Also known as Trailing Myrtle. This pretty Evergreen is extensively used for covering graves, producing in the Spring an abundance of blue flowers. Each, 35c; 3 for 90c.

## Viola

**Jersey Gem**—One of the most valuable violas yet introduced. The plants are of compact sturdy growth, bearing pure violet flowers on good stems, thus making it a splendid subject for cutting as well as a good border plant. Blooms in early Spring to the end of the season. Each, 30c; 6 for \$1.40.

## Violet

**Princess of Wales**—A remarkably hardy and fine variety. The flowers are very large and borne on long stems, a very profuse bloomer and very fragrant. Fine for the rockery and that rather shady location. Each, 30c; 3 for 75c.



Water Lily—M. Albida

## Water Lilies

We offer you the most adaptable varieties for Northwest conditions for your lily pool.

**M. Albida**—A large sparkling white variety, vigorous grower. Each, \$1.00.

**Odorata Gigantia**—A fine gigantic white Lily. Each, \$1.00.

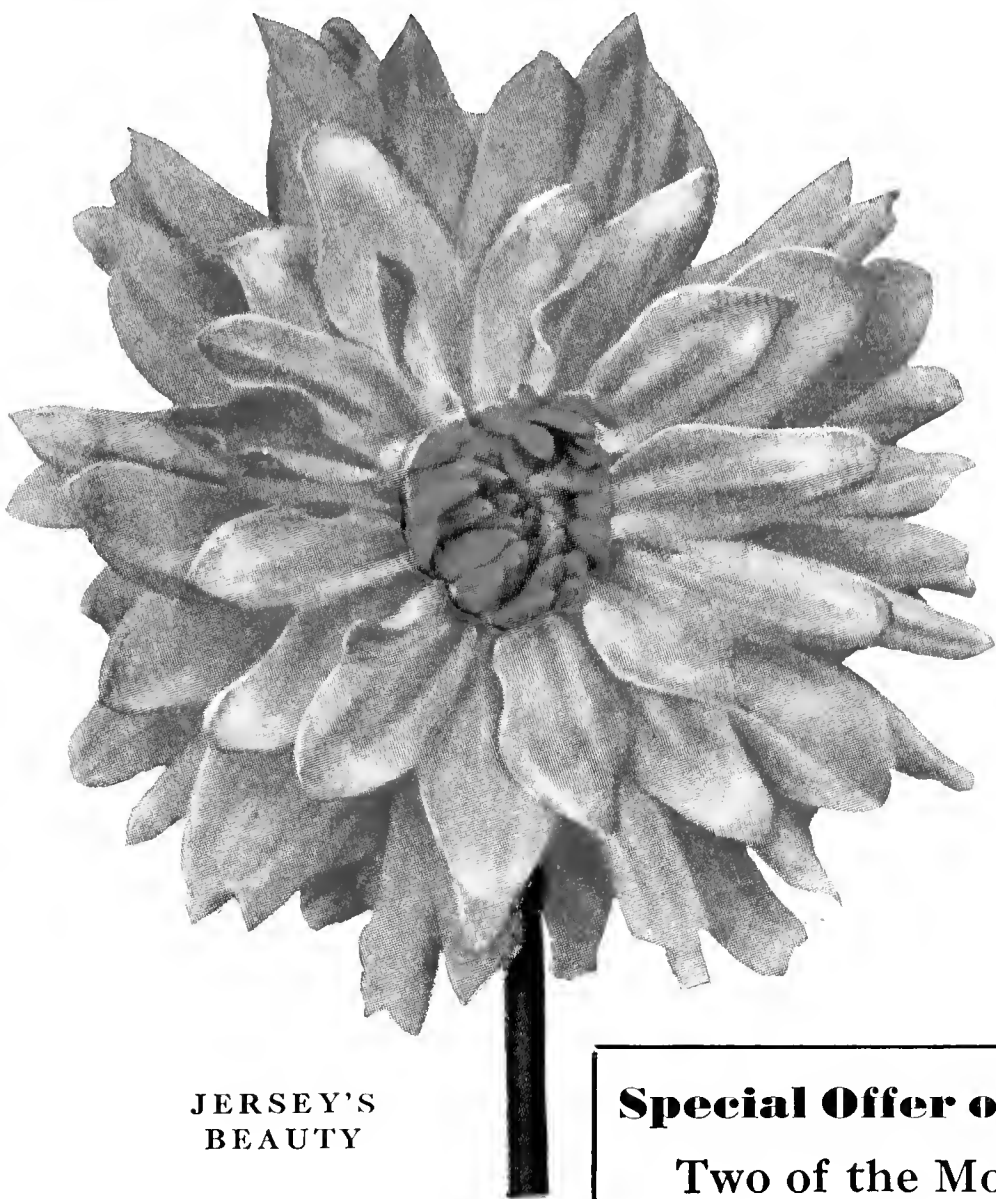
**Cape Cod Pink**—A fine pink Lily. Each, \$1.00.

**M. Chromatella**—A charming canary yellow variety. Each, \$1.50.

You will be interested to know that our seed testing grounds are becoming known abroad. The past four seasons prominent growers in Denmark, Holland, Germany, France, England, Japan, and from all over the United States sent samples of their specialties for us to test.

We Invite You to Visit Our Nursery and See Our Hardy Perennials Growing. Also the Model Rock Garden.





JERSEY'S  
BEAUTY



MRS. I. D.  
VER WARNER

**Special Offer of Two Dahlia Gems**  
Two of the Most Popular Dahlias  
**BOTH FOR 65 cents PREPAID**



AMELIE GRAVEREAUX RUGOSA ROSE



F. J. GROOTENDORST  
RUGOSA

**3 Fine Rugosa Roses**

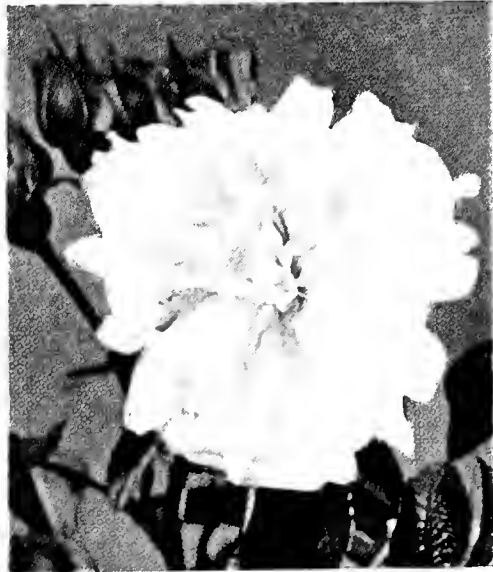
*"They thrive on Northwest Winters"*

**Our Rugosa Special**

All 3 Shipped with Ball of Earth  
at the Roots

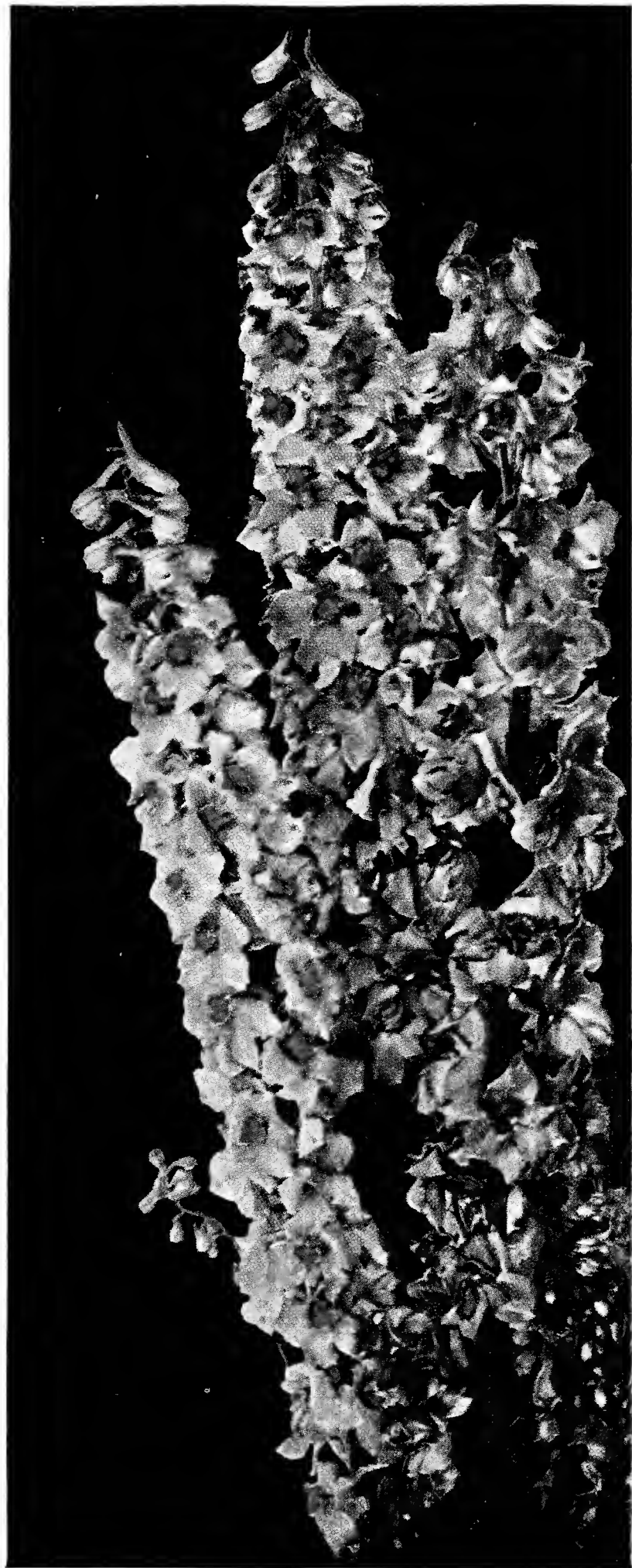
Strong 2 yr. old Bushes  
For

**\$3.50 PREPAID TO YOU**



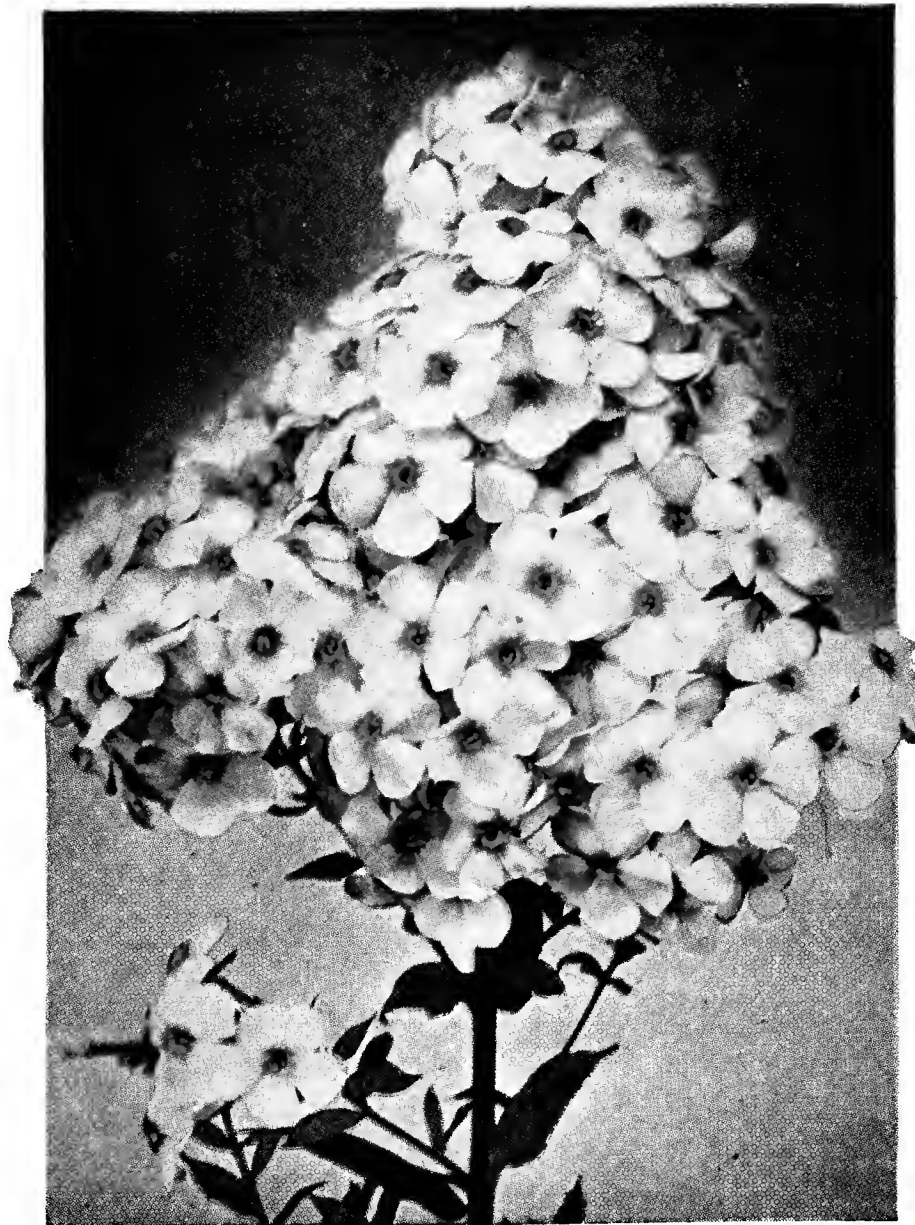
SIR THOMAS LIPTON  
RUGOSA





BEES NEW HYBRID DELPHINIUM

This is the largest and finest strain of Delphinium we have ever offered. We have a wonderful supply of strong potted plants and field clumps.



PHLOX

### Special PERENNIAL Offer

- 1 Strong Plant of New Bees Delphinium
- 1 Regale Lily Bulb
- 1 Strong Root of a Very Hardy Pink Peony
- 1 Strong Plant of Hardy Pink Phlox

Value **\$1.25**

ALL FOR **95 cents** PREPAID TO YOU



REGALE LILY



PEONY



# OUR HARDY ROCK GARDEN PLANTS

## How to Make a Rock Garden

There is a place even on the smallest lot in which a rock garden may be tucked away in a beautiful setting. The combinations of rocks and plants which may be used loom up in a seemingly endless manner.

### SITE OR LOCATION

The rock garden should be constructed in a spot that is subject to full light and to good aeration. Any natural slope in the ground can also be used to good advantage. Take advantage of any natural outcropping or rock on your grounds.

### ROCKS

Rocks will usually be gathered from the nearest and most easily accessible source. Weather-worn rocks produce a pretty and natural effect, and on rather sharp sloping ledges the use of porous and water-holding rocks is much in order because it is in these positions that the conservation of moisture is a large factor. Go to both extremes in choosing rock sizes as too many rocks of either a large or small size tend to make the effect unnatural.

### SOIL

A good well drained garden loam is fine for a majority of rock garden plants, a soil made up of one-half loam as free from clay as possible, one-quarter leaf mold and one-quarter sand, is ideal.

### CONSTRUCTION

The soil should be thoroughly prepared first and then the existing grades and the desired contours should be laid out in proportion. The bottom rocks should be placed first and there should be more plant surface than there are rocks in the finished effect. Anchor the rocks firmly by thorough tamping. Arrange rocks on slopes so that as much erosion by water is checked as possible and so that there will be plenty of light and air for plants that are planted on a slope.

### PLANTING

The best time to plant is in the Spring, although many of the hardy rock plants can be transplanted equally as successfully in the Fall under our Montana conditions. If you are in doubt as to which plants to use for Fall planting just drop us a line and we shall be glad to advise you. Any of the plants may be set out in the Spring.

### ADVANTAGE OF OUR EXPERIENCE IN MONTANA AND NORTHWEST

We are ready to help you at any time with your rock garden ventures. Our 43 years' experience of growing and selection under conditions found in Montana and the Northwest gives you something no other firm can offer you. Following is a list of rock garden plants which are adaptable to conditions in Montana and the Northwest and for complete descriptions turn back through the Perennial section of this Year Book to the pages indicated.

#### OUR LILY POOL AND BORDER OFFER

- 1 Fine White Water Lily

1 Plant of Water Cress (for Pool)
- 3 Moneywort Plants (to border Pool)

1 Umbrella Palm (for Pool)

1 Dwarf Iris
- Total of 7 Plants (Value \$2.45)      Sent Prepaid to You for \$1.95



A Model Rock Garden in Our Nursery

#### OUR SPECIAL COLLECTION OF ROCK GARDEN PLANTS

- 12 Different Plants
- All Named
- Selected by Us
- Delivery Charges
- Prepaid
- \$2.45



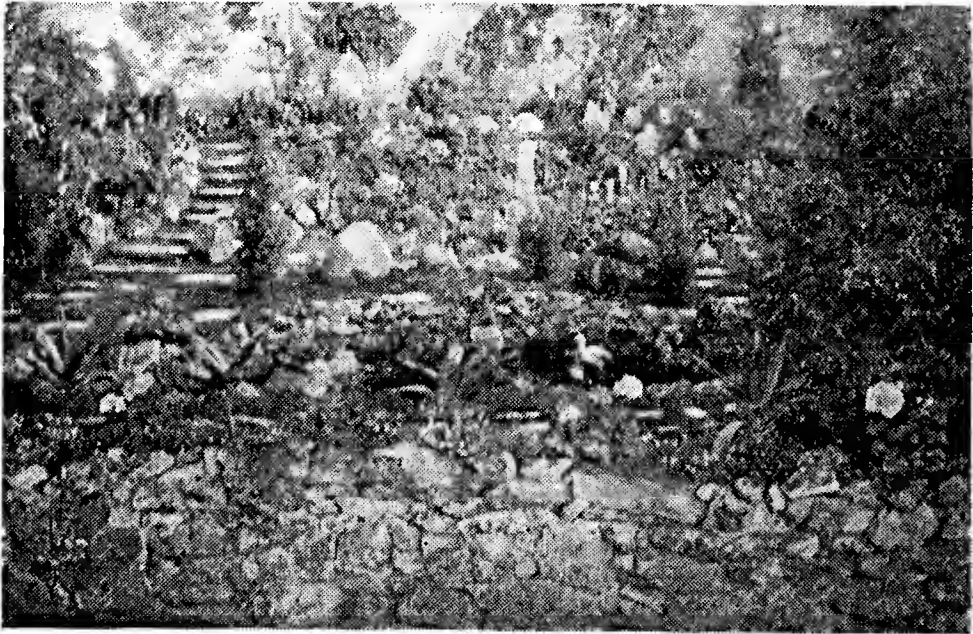
Name	Description See Page	Price Each	Three For
Alyssum Saxatile—Gold Tuft .....	24	25c	65c
Arabis Alpina—Rock Cress .....	24	25c	65c
Arenaria—Caespitosa .....	24	30c	75c
Armeria Formosa—Sea Pink .....	24	25c	65c
Aubretia—Bouganvellei .....	24	30c	75c
Aubretia—Rainbow Rock Cress .....	24	25c	65c
Cerastium-Tomentosum—Snow in Summer .....	25	25c	65c
Campanula-Carpatica—Harebell .....	25	30c	75c
Cherianthus—Siberian Wallflower .....	25	25c	65c
Delphinium—Chinense .....	26	30c	75c
Dianthus—Cheddar Pink .....	26	25c	65c
Dianthus—Red Montana .....	26	30c	75c
Dianthus—Hardy Grenadine .....	26	25c	65c
Dianthus Plumarius—Clove Pinks .....	26	25c	65c
Dianthus—Highland Queen .....	26	25c	65c
Dianthus-Deltoides .....	26	25c	65c
Edelweiss-Alpinum .....	26	35c	90c
Ferns—Hardy .....	27	35c & 65c	.....
Geum—Mrs. Bradshaw .....	27	25c	65c
Geum—Lady Stratheden .....	27	25c	65c
Helianthemum—Rock Rose .....	27	25c	65c
Heuchera—Coral Bells .....	27	25c	65c
Iberis Sempervirens .....	27	25c	65c
Iceland Poppy .....	30	25c	65c
Iris Pumila Cyanea—Dwarf .....	28	20c	50c
Lysimachia—Creeping Jenny .....	27	25c	65c
Lily of the Valley .....	29	.....	25c
Linum—Blue Flax .....	28	25c	65c
Monarda—Didyma Rosea .....	29	25c	65c
Monarda—Didyma Cambridge Scarlet .....	29	25c	65c
Myosotis—Forget-Me-Not .....	29	30c	75c
Nepeta-Mussini .....	29	25c	65c
Nepeta-Nervosa .....	29	30c	75c
Penstemon—Blue Gem .....	30	30c	75c
Platycodon—Balloon Flower .....	31	25c	65c
Phlox—Subulata .....	29	25c	65c
Phlox—Coerulia—Blue Flowers .....	.....	30c	75c
Plumbago-Larpentae .....	30	30c	75c
Primula-Auricula .....	31	35c	75c
Primula-Polyanthus .....	31	35c	75c
Stokesia-Cyanea .....	32	25c	65c
Trollius .....	32	35c	90c
Veronica-Speedwell .....	32	25c	65c
Veronica-Repens .....	32	30c	75c
Veronica-Incana .....	32	30c	75c
Viola .....	32	30c	75c

A HANDY REFERENCE TO SOME  
NEW PLANTS

Which You Will Be Interested In

- New Double Petunia Sakatas, p. 18.
- Agathea, Blue Daisy, p. 3.
- Double Golden Gleam Nasturtium, p. 18.
- New Rose Blaze.
- New Rose Vanguard.
- Sanseveria-Laurenti, p. 19.
- New Double Shasta Daisy, p. 25.
- New Hybrid Delphinium, p. 26.
- New Swiss Giant Pansies, p. 18.

SEE OUR COLOR PAGE EVERGREEN OFFER  
An Ideal Foundation for the Rockery



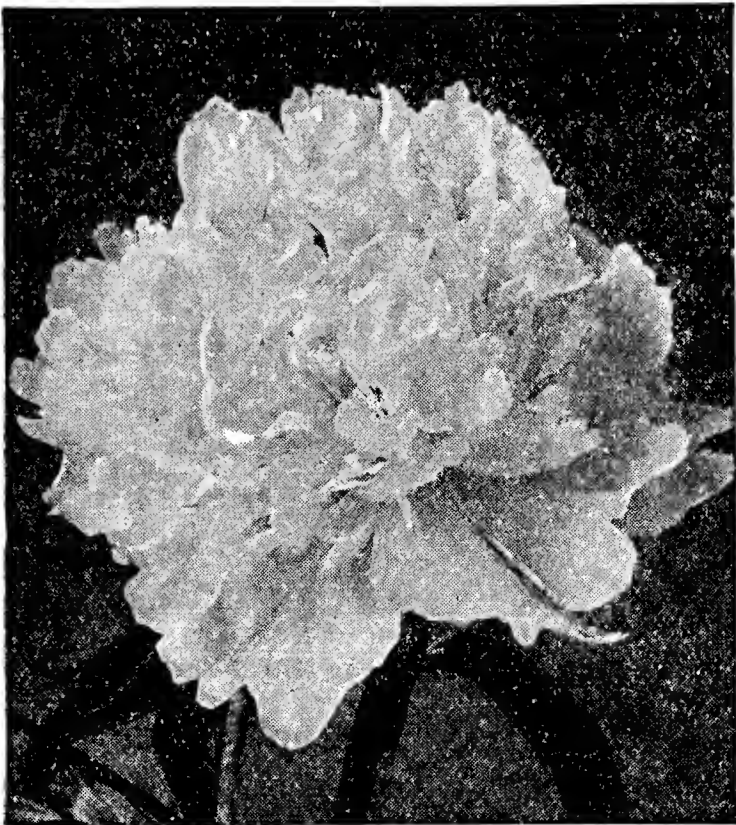
A Two-Year-Old Rock Garden

WE PAY DELIVERY CHARGES ON OUR PLANTS



# OUR ROCKY MOUNTAIN PEONIES

Grown and Selected in Our Nursery at the Foot of the Rocky Mountains



Peony—Festiva Maxima

During our forty-three years in Montana we have selected a most adaptable stock of these popular plants and growing in our Nursery at the foot of the great Continental Divide, as they are, we offer you the roots of the utmost hardiness, strength and vitality.

## CULTURE

Peonies may be planted either in the Fall or Spring. Dig the soil deeply and dress with well rotted manure. Bone meal is also good to work into the soil. Never allow manure at planting time to come in contact with the roots. When planting, cover the eyes or new buds to a depth of not more than three inches. Too deep planting causes poor growth and prevents blooming. Their chief requirements are good rich soil and a sunny position though the latter is not absolutely essential, for they thrive well in partly shaded locations. They must be given a liberal supply of water during the growing season.

## Peony Officianalis

This is the old-fashioned Peony and comes into bloom from ten days to two weeks ahead of the other varieties. All are strong growers, with full fragrant flowers.

**Officianalis Rosea**—Double rose.

**Officianalis Rubra**—Double blood red.

**Officianalis Mutabilis**—Pink changing to white. Each of above varieties, 50c; 3 for \$1.25.

**Asa Gray**—Large, compact flower of semi-rose type. Pale lilac sprinkled with darker lilac dots. Very distinct and beautiful. Very fragrant, medium height. Each, 75c.

**Baron Rothschild**—Deep rose, mid-season. Long stem. Each, 75c.

**Duchess DeNemours**—Crown type, early. Superb, cup-shaped, sulphur-white flowers with greenish reflex that lights up the entire flower. Each, 50c.

**Eduis Superba**—One of the early varieties, dark rose pink with center petals of a light shade. One of the very best on the market. Each, 50c.

**Eugene Verdier**—Pink, very full flower. Each, 50c.

**Felix Crousse**—One of the largest and most beautiful reds, a great favorite. Each, 75c.

**Festiva Maxima**—One of the largest and most floriferous whites—center petals tipped with carmine. Each, 50c.

**Humelii**—A beauty—Cherry pink and slightly tipped with silver. Each, 60c.

**Lady Bramwell**—An early variety, color delicate silvery rose with light pink center. Petals tipped creamy white. Large full fragrant flowers of good form. Each, 60c.

**Longfellow**—A bright crimson with a cherry tone. A circle of golden stamens surround the central mass of petals, while the outer petals are slightly reflexed. Fine erect habit, vivid color and long season. Each, \$1.00.

**Lord Kitchener**—Rose type; very early. A most beautiful flower, well filled out; of a brilliant cherry red color, a most dazzling hue; very free blooming; lasting. Each, \$1.25.

**Mons Jules Elie**—Bomb type, early. Often called the king of all Peonies. Very full flowers. Color

an ideal glossy lilac-pink, shading to deeper rose at the base, overlaid with a sheen of silver. Claimed by many as the largest of all Peonies. Each, 60c.

**Gloire de Touraine**—A beautiful velvet red sort, shaded purple, having very double flowers of large size. Each, 75c.

**Queen Victoria**—Very early; opens up blush pink, ultimately turning white. Each, 75c.

**Madame Emile Lemoine**—Semi-rose type; mid-season. Enormous buds opening into extra large imbricated round flowers, each petal overlapping the other, giving the whole flower a very unusual glossy white, overlaid tender satiny pink, covered with minute lilac dots—when fully blown, pure white. Each, 75c.

**Marie Crousse**—Bomb type; mid-season. An enormous very full globular flower on long strong stems; color soft salmon pink, shaded a glossy satiny lilac—an exquisite variety. Each, \$1.00.

**Richard Carvel**—Very early deep red; an immense globular bomb; tall, very profuse bloomer, fragrant and beautiful. The very best of all early dark reds. Each, \$1.25.

**Rosea Magna**—Dark pink, lilac center. Each, 50c.

**Rubra Triumphans**—A semi-double type; very early with large loose very dark crimson blooms. Each, 60c.

**Sarah Bernhardt**—Semi-rose type; late mid-season. Flowers of remarkable size and freshness in huge clusters, full and double and of perfect form. Color apple-blossom pink with each petal silver tipped. A fragrant and magnificent flower without a fault. Each, \$1.25.

**Therese**—A very large pink Peony of perfect shape which is usually considered the best pink Peony in the world—rose type. Each, \$1.50.

## OUR ROCKY MOUNTAIN PEONY COLLECTION

CHOICE NAMED VARIETIES

Selected by Us

Delivered Prepaid to You for

3

\$1.00



A Field of Our Peony Bluebloods



## Department of Hardy Trees, Shrubs and Vines

Our forty-three years' experience in Montana has enabled us to select and grow only such Trees, Shrubs and Vines that we have found to be hardy and adaptable to conditions found in Montana and the Northwest. This is something no other institution can offer you.

### CARE IN WATERING

Growth should be encouraged during the early Summer months and ample water should be applied at this time. Do not merely wet the surface but give several successive applications, being sure that the water goes to the very lowest root extremities. About the last part of August and during September water should be gradually withheld so that the Trees and Shrubs will have a chance to mature up properly for the winter. Then after the leaves have fallen and the Trees have gone into their winter dormant state, which is usually about the middle to the end of October, they should be heavily soaked with water again.

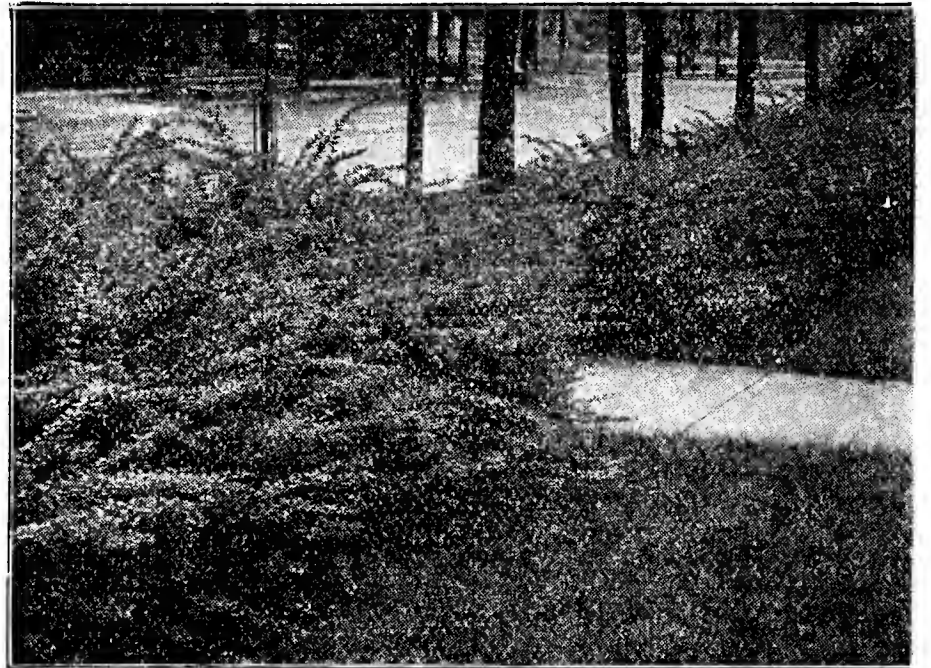
Shrubs that bloom early in the season should be trimmed immediately after blooming is over. Shrubs that bloom late in the season should be pruned early in the Spring. All that is needed is to keep them trimmed to a symmetrical form, to remove all dead wood and enough of the surplus wood to insure a good circulation of air and sunshine. To those who are anxious to make an immediate showing on their property, we have a fine stock of extra large specimens of most of our Trees and Shrubs. If interested in this class of stock please write us for prices.

When planning on the artistic arrangement and planting of your grounds, we cordially invite you to consult our experienced staff of nurserymen who are at your service at all times to give information on the most desirable Trees, Shrubs and Plants and to furnish cost estimates.

### NOTICE

We endeavor to send out only stock that will grow with proper care and attention. We should be advised BEFORE AUGUST 1 should any Trees, Shrubs, etc., fail to grow so that our representative may have an opportunity of calling and inspecting same. We will replace any of our nursery stock at one-half price that does not start growth by August 1.

Should your goods show any appearance of damage on arrival be sure to get your express agent to make a note of the damage on your receipt and send this to us so that we may enter a claim.



A Hedge of Japanese Barberry

### Barberry or Berberis

**Berberis Thunbergi**—This is the Japanese green Barberry. It is very beautiful, dense and low growing. The leaves are small, light green and towards Fall assume rich brilliant colors of red, orange and yellow. The Japanese Barberry is not a host for the wheat rust. (See Color Plate.) Each, 50c; 3 for \$1.25; larger sizes, 75c. Write for prices on Barberry hedge stock.

**Red Leaved Barberry (B. Thunbergi Autropurpurea)**—A fine new variety which is similar in all respects to the green variety except that the foliage is a rich lustrous bronzy red all through the growing season. Bears brilliant scarlet berries. Each, 50c; 3 for \$1.25; larger sizes, \$1.00; 3 for \$2.50.

### Buckthorn

A good hedging plant which may be held into a sheared fence of from three to five feet or grown into a tall screen of fifteen feet. A quick growing hardy Shrub.

12-inch to 18-inch, doz., \$1.00; 100, \$7.50.

18-inch to 24-inch, doz., \$2.00; 100, \$12.50.

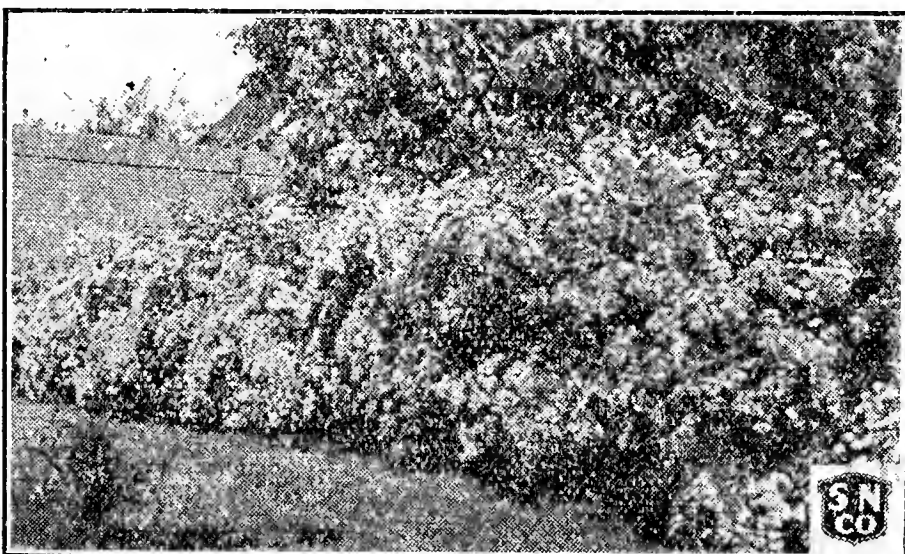
We can also supply a larger size, 2 to 3 feet high, which will make an immediate hedge effect. Each, 40c; 1 doz., \$4.00.

### Buddleia or Magnifica

**Butterfly Shrub or Summer Lilac**—One of the most desirable Hardy Summer Flowering Shrubs; beginning to bloom in July, it continues until cut down by severe frost. The flowers are a pleasing shade of violet mauve borne in dense cylindrical spikes from ten to fifteen inches in length by three inches in diameter. The bushes sometimes die back to the ground during Winter but this will not prevent it sending up long spikes with beautiful flowers the following year. Each, 50c; 3 for \$1.30. (See Color Plate.)

### Cotoneaster

**Peking Cotoneaster**—A beautiful low Shrub with dark green leaves; flowers are pinkish white and berries are black. One of the hardiest Shrubs we know of and will tolerate considerable shade. Each, 75c; larger sizes, \$1.50.



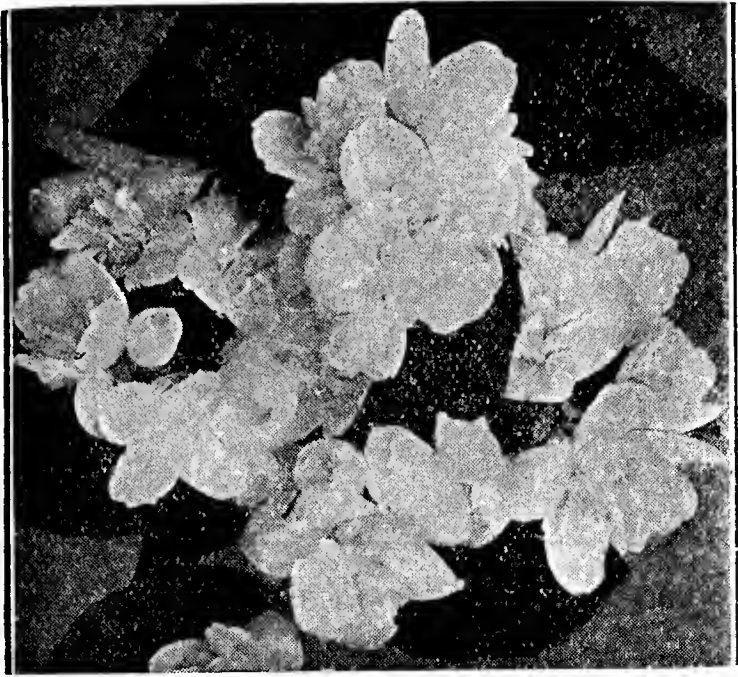
A Spirea Van Houttei—Hedge in Helena



A Block of Nursery Stock Growing in Our Nursery

ALL SHRUBS ARE PREPAID





Philadelphus—Virginal

### Lilacs

Nowhere do they succeed better, produce more beautiful foliage and flower more profusely than in Montana and the Northwest. We have an exceptional stock of this general favorite with a fine selection of the most adapted varieties. They may be planted as single specimens in groups or in hedges. Blocks of these Shrubs attract large numbers of visitors to our Nursery every season when in flower.

**Purple**—This is an old-time favorite, very hardy and of rapid growth. Excellent for specimen purposes or for hedge use.

**White**—The companion to the purple, very hardy and fragrant and producing large trusses of beautiful flowers.

Prices of the above two varieties, each, 50c, 75c and \$1.00.

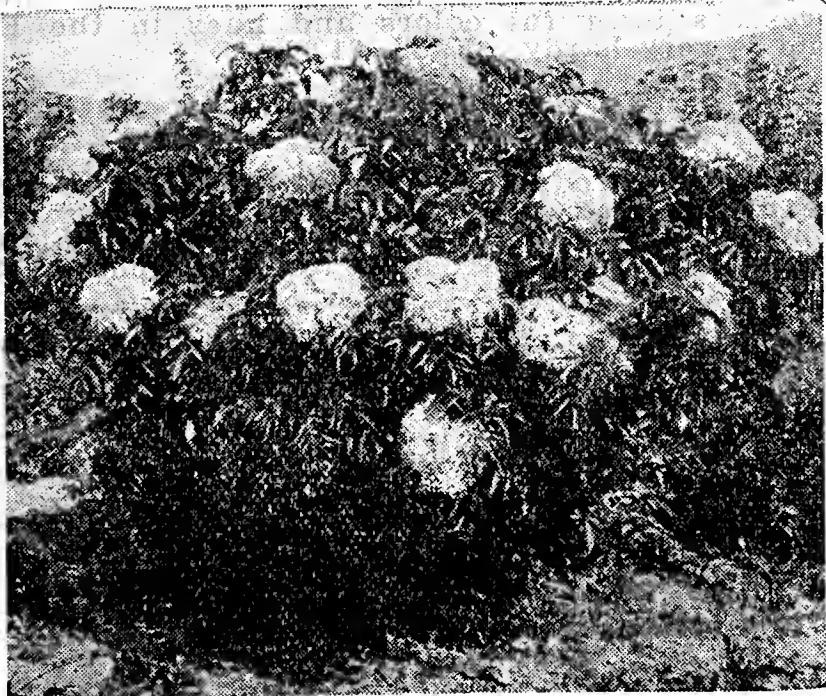
Extra fine specimen bushes of the above varieties that will bloom this season. Balled and burlapped. Each, \$3.00, \$5.00 and \$7.50.

**Persian Lilac**—This is quite distinct, with small foliage, graceful growth. Color, the true lilac shade. Each, \$1.00 and \$2.00.

**Villosa**—This is one of the most beautiful species that we offer. Bears its purple flowers about a month later than the other varieties and they turn nearly white when fully open. It has proven an excellent Shrub for a shady exposure and is very hardy. Each, \$1.00 and \$2.00.

### Kolwitzia or Beauty Bush

**Amabilis**—A handsome new ornamental Shrub from the wilds of China, resembling Weigelia, to which it is allied. It bears an amazing profusion of pale pink bell-shaped flowers in early Summer. Fine strong Shrubs, each, \$1.00 and \$1.50.



Sambucus or Elderberry

### Cornus or Dogwood

Because of the distinctive color of its bark and its attractive flowers and fruit the Dogwood is suitable either for planting as an individual shrub or in a hedge or foundation planting. The three varieties listed, with their contrasting colors, go very well together in a planting.

**Native Red Dogwood**—This is a very ornamental Shrub and in rows is an effective windbreak. White flowers, followed by white berries. Each, 50c. Larger Shrubs, \$1.00.

**Yellow Dogwood**—Another ornamental variety, but with yellow wood. Fine for either specimen or foundation planting. Each, 60c and \$1.00.

**Silver Blotched—Variegated Dogwood**—A very beautiful Shrub and becoming very popular for foundation planting. It adds color and zest to shrubbery groupings with its leaves of green blotched and striped with silvery white. Each, 60c.

### High Bush Cranberry or Viburnum Opulus

**High Bush Cranberry**—A highly decorative, tall growing Shrub bearing white blossoms in broad cymes. Scarlet fruit, very showy Shrub. Each, \$1.00.

### Philadelphus, Mock Orange or Syringa

**Native**—A beautiful white fragrant flower and very hardy. Each, 50c; 3 for \$1.25.

**Pyramidal**—This is a tall pyramidal grower bearing beautiful double white flowers. Each, 75c; 3 for \$2.00.

**Philadelphus—Virginal**—A medium sized Shrub with beautiful fragrant semi-double flowers. The flowering season lasts somewhat longer than on the other two types. Each, 75c; 3 for \$2.00.

### Lilac Rooted Cuttings

Suitable for the planting of hedges and windbreaks. Well rooted cuttings of the Purple and White varieties for this purpose. Per 100, \$8.00.

### French Hybrid Lilacs

**Pres. Grevy**—A very fine double, producing trusses of pale blue flowers.

**Charles X**—Deep purplish Lilac flowers in large trusses. Flowers in May.

**Madame Lemoine**—Magnificent panicles of large double white blooms.

**Ludwig Spaeth**—Single. Very dark crimson purple. One of the darkest shades known.

Any of the above, each, \$1.00; larger specimens, \$2.00 and \$3.00.



Tartarian Honeysuckle

### Ligustrum Vulgaris or English Privet

We have searched many years for a Privet that would withstand Montana winters and we are now offering you this variety which has proven hardy in our Nursery. For those in extremely high altitudes we would not recommend it. This is a fine splendid grower and develops a most beautiful hedge.

Prices—25 for \$3.50, 50 for \$6.00, 100 for \$12.00, prepaid.

### Honeysuckle—Tartartian

**Tartarica Alba**—Flowers are a bluish white. A hardy bush of very dense growth.

**Tartarica Rubra**—Bears light crimson flowers on a fine shapely bush. The darkest color of all honeysuckles.

**Pink Tartarian**—Develops a tall bush with large pink flowers; a fine sturdy grower.

Prices of above three varieties of Honeysuckles: Each, 50c and \$1.00; larger bushes, \$2.00 to \$4.00.

### Sambucus or Elderberry

A very valuable Hardy Shrub of quick growth and branching habit. When in bloom the Shrub is a perfect bower of beauty over a long period and again in the Fall when burdened with its load of black fruits. Each, 75c; larger Shrubs, \$2.50.



## Russian Olive

**Elaeagnus Angustifolia**—There is a greater demand each year for this fine hardy Shrub. It has proven to be a great drought resister and is a fast vigorous grower. Foliage is a beautiful green above and a silvery white below. Bears fragrant yellow blossoms. Makes a beautiful trimmed or untrimmed hedge and may also be grown as a specimen and we have some fine large single specimens to offer.

Price—18 to 24-inch stock, per doz., \$1.00; per hundred, \$7.50. Larger branched hedge stock, per doz., \$2.00; per hundred, \$16.50. 3-4 foot Shrubs, each, 50c.



A Russian Olive Hedge in Helena

## Snowball or Viburnum

One of the hardiest of Shrubs and a favorite everywhere. During May and early June it is a perfect mass of blooms producing large globular pure white flowers. It is ideal for landscape work. Each, \$1.00. Large specimens, balled and burlapped, \$3.00 to \$5.00.

## Siberian Pea or Caragana

The Caragana or Siberian Pea is a great drought resister amongst shrubs and is the variety recommended to our farmers and ranchers in the treeless regions of Montana. For windbreak purposes in exposed situations, for specimen tree planting or for shrub use we cannot voice the praises of this variety too strongly. Has fine clean foliage, and rich golden blossoms, with the flowers hanging in regular clusters. It is especially useful for hedge purposes.

Prices—12 to 18-inch stock for hedge purposes, \$6.00 per 100; 50 at 100 rate.

18 to 24-inch stock for hedge purposes, \$12.00 per 100; 50 at 100 rate. 3 to 4 Shrubs, each, 75c.

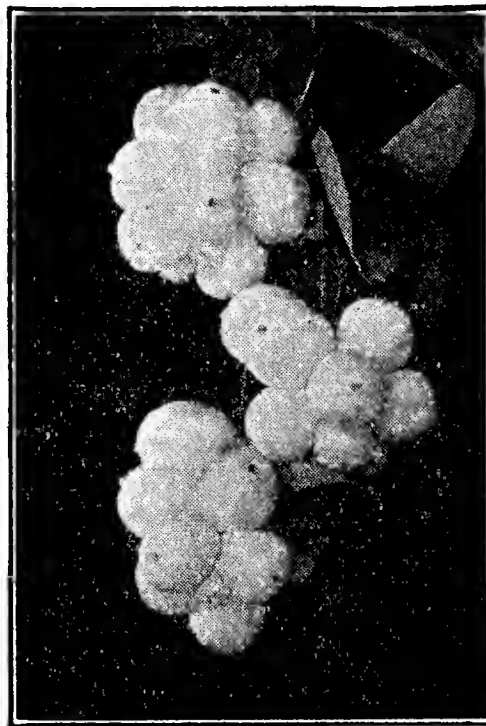
**Caragana Seed**—These beautiful and hardy Shrubs are easily propagated from seed. Prices, oz., 30c; ¼-lb., 85c; lb., \$3.00, postpaid.

### SPECIMEN SHRUBS OF CARAGANA

\$3.00 to \$10.00

F. O. B. Helena

These Shrubs are extra fine stock, balled and burlapped at the root, thus insuring arrival of the Shrubs in the best possible condition.



Snowberry

## Quince—Japanese

(Not Hardy in Higher Altitudes)

**Cydonia Japonica**—A popular flowering Shrub. It is valuable as a specimen plant or planted in masses or for hedge work. Flowers are bright scarlet and it is a vigorous grower. Each, 2 to 3 feet, \$1.25.

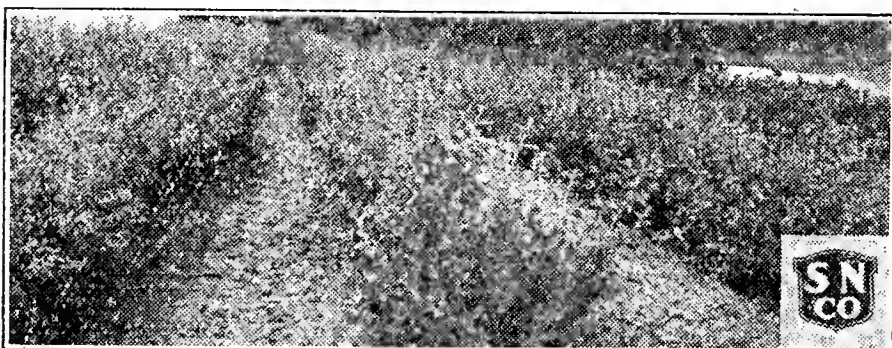
## Sumach

This old favorite Shrub has proven hardy in Helena, and we are pleased to be able to offer it to our customers. It has handsome fern-like foliage, which turns to a wonderful red at the approach of the first frosts. 3 to 4 feet, each, 50c. Larger Shrubs, \$1.00 and \$1.50.

## Symphoricarpos, Snowberry or Coral Berry

**Coral Berry**—The Red Snowberry or Indian Currant. Bears dense clusters of red fruit in Autumn. Very attractive. Each, 75c; larger Shrubs, \$1.50.

**Snowberry**—A small native Shrub that succeeds even in shaded locations. It is quite hardy, produces small white or pinkish flowers in July and August, succeeded by abundant white berries. Price, each, 75c. Larger Shrubs, \$1.50.



Field of Russian Olive in Our Nursery

## Spireas

For either foundation planting or specimen planting nothing can outdo the Spireas.

**S. Van Houtii (Bridal Wreath)**—The grandest of all the White Spireas; it is of compact habit and a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom. Each, 50c, 75c and \$1.50.

**S. Sorbifolia (Ash Leaved Spirea)**—A very showy variety and a quick grower. Flowers produced on long spikes; white flowers. Makes a very beautiful, graceful Shrub. Each, 75c.

**S. Anthony Waterer**—A very valuable variety producing bright crimson heads of bloom in great profusion. Very hardy and of dwarf dense habit, never exceeding 30 inches in height. Each, \$1.00.

**S. Prunifolia**—Another favorite variety. It produces long spikes of double blooms very freely in May and June. Each, 75c.

**Special**—One each of the above four varieties, \$2.50.

**Spirea—Froebel**—This is a vigorous spreading grower with bright pink flowers which are borne profusely from May to June. The Shrub presents beautiful colors and hues in the Fall and is very hardy. Each, \$1.00.

## Weigelia

**Rosea**—An introduction from Japan and a most beautiful free blooming Shrub, bearing pink flowers early in the Summer. Excellent for foundation planting and for specimen work. Each, 75c.

### OUR SPECIAL FOUNDATION SHRUB OFFER

- 1 Virginia Creeper
- 1 Russian Honeysuckle
- 1 Spirea Van Houtii
- 1 Native Syringa
- 1 Villosa Lilac
- 1 Butterfly Bush

All Six

Delivered Prepaid  
To You for Only \$3.45



HARDY VINES FOR THE NORTHWEST

Virginia Creeper

American Ivy—Woodbine—(See Color Plate)

This Vine is, without doubt, the very best and most hardy variety for this section. Everywhere it has been planted it has succeeded wonderfully. It produces masses of rich dark green foliage deeply cut, which assumes brilliant shades of yellow, crimson and scarlet in the Fall. It is the ideal Vine for covering fences, walls, trees, rocky slopes, etc. Our stocks are clean, hardy and of sturdy growth and we feel safe in saying, are some of the finest in the country.

Each .....\$1.00; 3 for \$2.50  
Each, extra large plants..... 2.00; 3 for \$5.00

Hop Roots

For quickness in covering residence fences, arbors, etc., the Hop Root leads. The peculiar shade of its foliage, extreme hardiness and quick growth make it a very desirable Vine. Each, 30c; 6 for \$1.40; doz., \$2.75.

REMEMBER

OUR PRICES ARE PREPAID PRICES



Clematis Jackmanii

Clematis

One of the most popular of all trailing Vines. When in bloom the dense sheets of blossoms, with their most pleasing fragrance, give a beauty indescribable.

To obtain good results they must have rich soil, perfect drainage and an abundance of water and most important of all they must be planted with the crowns about 3 inches beneath the surface of the soil.

Heretofore it has been difficult for many to transplant these plants with success, so this season we are again featuring pot-grown stock of A1 quality which will come with a ball of earth and are sure to give satisfaction.

- C. Jackmanii—The popular rich purple variety with large flowers and very hardy. (See Color Plate.) Each, \$1.00; 3 for \$2.55.
- Mme. Eduard Andre—One of the very finest red varieties on the market; very effective. Each, \$1.00; 3 for \$2.55.
- One each of the above two varieties, \$1.75.

Native—A sweet-scented, rapid grower, extremely hardy and producing magnificent foliage and great masses of flowers. Good strong roots. Each, 45c; 3 for \$1.20.

State Nursery & Seed Co.,  
Helena, Montana.  
Dear Sirs:  
I received my strawberry plants and they were all in good shape. I planted them and they are growing fine. I wish to thank you very much for them.  
Yours very truly,  
MRS. LOUISE PAISLEY,  
Glacier County, Mont.

May 13th, 1932.  
State Nursery & Seed Co.,  
Helena, Montana.  
Dear Sirs:  
I received the strawberry plants. They came through in splendid condition and every one was a strong healthy plant.  
Thanking you.  
Yours truly,  
GEORGIA JAMES,  
Sweet Grass County, Montana.

September 28th, 1932.

State Nursery & Seed Co.,  
Helena, Montana.  
Gentlemen:  
Enclosed find specimens of Sweet Pea flowers grown from your seed. We think they are marvelous.  
(Note: One stem measured 16 inches long.)

Truly yours,  
MRS. S. B. NEWMAN,  
Bozeman, Montana.

for Velvety-green Lawns  
feed regularly with this  
complete, balanced diet



Some of Our Virginia Creepers in Helena



# OUR HARDY AND ADAPTABLE TREES

All Prices on Trees, Shrubs and Plants (except Evergreens) include delivery to your nearest express station

**IMPORTANT TO TREE BUYERS** — In buying shade and fruit Trees or other Nursery Stock from **THE STATE NURSERY AND SEED CO.**, you are also getting free of charge the experience of **FORTY-THREE YEARS** of production of these goods in Montana. This can not be offered you by any other house at any price.

We are proud of our great fields of Trees which we have tested and tried so thoroughly and we invite you to see them growing in our Nursery high up on the eastern slope of the Main Range of the Rocky Mountains.

We have larger specimens of nearly all Trees listed and if interested we invite you to write about them.

We take special care to send out only such stock that we know with proper attention will grow, but should any fail to do so before August 1st, 1933, we wish to be informed immediately after that date so that one of our representatives may have an opportunity of inspecting same. We guarantee to replace at one-half the original cost.

## Almond, Flowering

A charming low dwarf-like Tree which bears a profusion of beautiful double pink and white blossoms early in the season. Price, \$1.00 to \$2.50.

## Ash

**American White** — The best hardwood Tree for Montana, being extremely hardy and growing into a most beautifully formed head. We can not recommend this Tree too highly for this section, either for parking purposes or for planting as individual specimens.

Each, 6 to 7 ft., \$1.50; 6 for \$7.50; each, 7 to 8 ft., \$2.00; 6 for \$10.00; each, 8 to 9 ft., \$2.50; 6 for \$12.50. Larger specimens, \$3.00 to \$5.00.

**White Ash Seedlings**—6-8 inches—per 100, \$5.00; per 50, \$3.00. These are offered for customers who may wish to grow these valuable Trees for windbreaks.

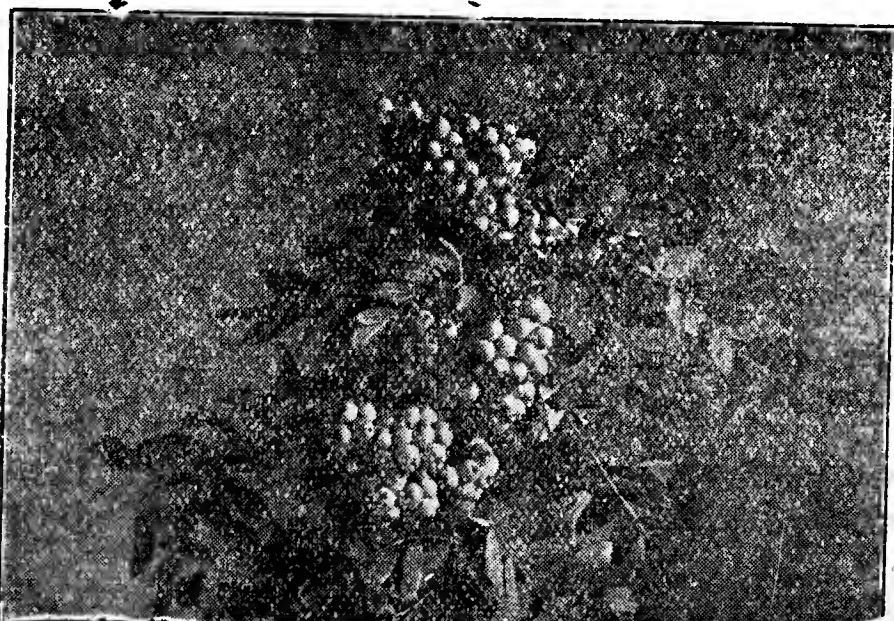
## European Mountain Ash

This is without doubt one of the very best ornamental Trees, and because of its outstanding beauty and hardiness, together with its fine foliage and lovely blossoms, followed by massive clusters of beautiful berries from July till Winter. 6 to 8 ft., \$2.00 each.

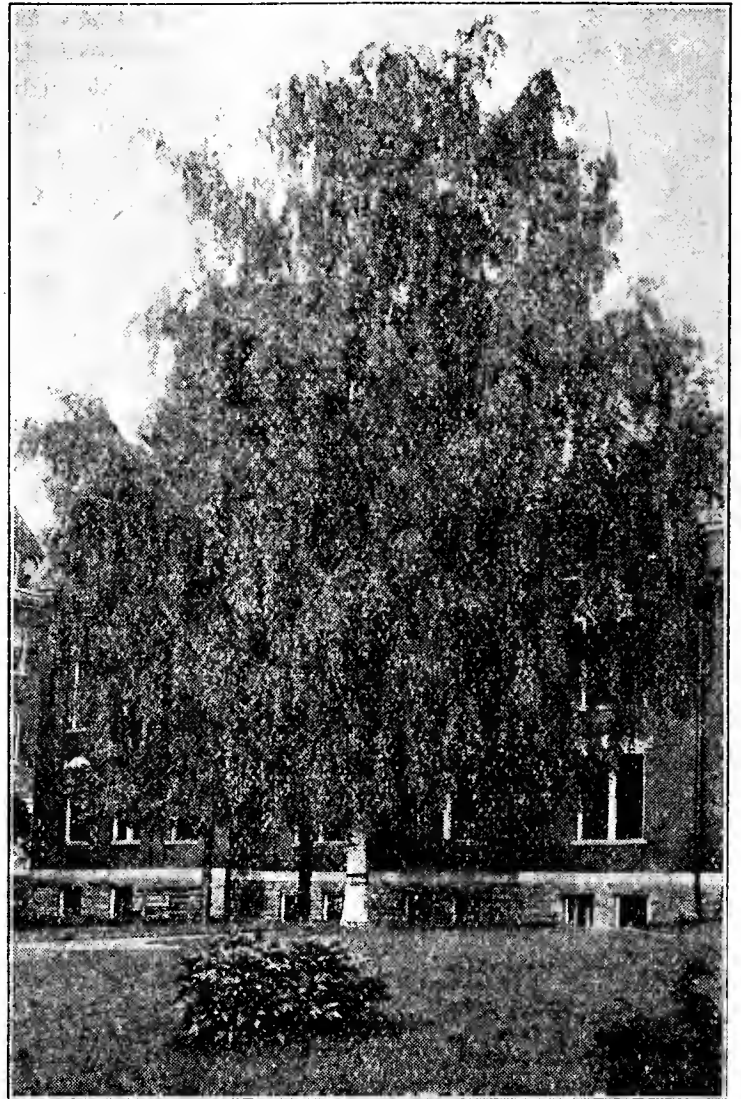
## Oak Leaved Mountain Ash

Another very handsome Tree equally as showy as the Ash leaved variety and producing immense clusters of bright red berries. Foliage dark lobed and oak shaped—a very hardy Tree of pyramidal habit.

Each, 6 to 8 ft., \$2.00.



Mountain Ash Berries



Cut Leaf Weeping Birch

## Birch

**Canoe Birch**—A very hardy and beautiful American Tree of fine shape and delightful bark. An excellent specimen for lawn or other decorative purposes. 6 to 8 ft., \$2.50 each.

## Cut Leaf Birch

(See Color Plate)

Very beautiful form of the European White Birch; the main trunk, with snow white bark, grows as straight as an arrow. Branches spread slightly, while the fine slender shoots hang vertically. Foliage fine and deeply cut. One of the most beautiful of deciduous Trees. Each, 5 to 6 ft., \$3.50; 6 to 8 ft., \$4.50.

## Box Elder or Manitoba Maple

Often called the Ash Leaved Maple. Requires but moderately rich soil, and is of a vigorous growth. Has been so popularly planted that it needs no description. Each, 5 to 6 ft., \$1.00; doz., \$7.50. Each, 8 to 10 ft., \$1.25; doz., \$12.50.

## Chestnut, Horse

A very handsome and beautiful Tree producing spikes of white flowers in great profusion and sweetly scented. May be frequently seen in many towns of the state. Well worth trying. Each, 4 to 5 ft., \$2.00.

## Cherry, Japanese Flowering

The famous flowering Cherries of Japan—strictly ornamental and beautiful specimens, blossoming in profuse panicles.

Each, 4 to 5 ft., \$1.50.

## Crab, Flowering

(See Color Plate)

Strictly an ornamental Tree. An excellent addition to any grounds. Makes a medium sized Tree, perfectly hardy; succeeds well in all soils not too wet. When in blossom appears to be covered with delicate pink perfectly double small roses of delicious fragrance. Each, 3 to 4 ft., \$1.00 and \$1.50.





Chinese Elm

It is remarkably resistant to drought. Each, 5 to 6 feet, \$1.50; 6 to 8 feet, \$2.00.

### European Larch

A tall, handsome deciduous conifer, with pyramidal head and tapering trunk. This Tree is covered with soft feathery foliage of a delicate green. It is very graceful, resembling the Spruce. In the Autumn its needles turn a golden color before falling. Prices, \$3.00, \$4.00 and \$7.50. These Trees are balled and burlapped the same as Evergreens and are shipped F. O. B. Helena.

### Black Locust

One of the hardiest of the Locusts. Produces blossoms in long white racemes, very fragrant. 5 to 6 feet, each, \$1.00.

### Linden, American

A very stately and beautifully shaped Tree. It makes a fine specimen of a shade Tree with bright shining leaves. It bears blossoms in July. It is a vigorous grower in the Northwest. 6 to 8 feet, each, \$2.00.

### Maple

**Hard Sugar Maple**—An excellent shade Tree. The foliage in the Fall assuming very striking tints of yellow. It is one of the most handsome of the species, of very hardy nature. Each, 6 to 8 feet, \$2.50; 3 for \$6.50.

**Soft Maple**—Of easy culture and rapid growth, forming well shaped Trees when given sufficient room to develop. Splendid stock. Each, 6 to 8 feet, \$1.50; doz., \$15.00.

**Acer Schwedler—Purple Leaf Maple**—A red and purple variety that contrasts brightly with the delicate green of the other Trees. In midsummer the leaves are purplish green, in Autumn a golden yellow. A new rare variety. Each, 6 to 8 feet, \$3.00. (See Color Plate.)



A Fine Maple Specimen

### Elm

**Ulmus Americana**—A noble native American Tree, attaining a large size, with wide spreading head and graceful drooping branches. Each, 6 to 8 ft., \$1.50; doz., \$15.00.

**Ulmus Pumila**—(Chinese Elm)—This variety which was introduced from China is a wonderfully rapid growing Tree and is adapted to semi-arid as well as irrigated districts. In some localities the young tips freeze back, although this does not injure the main body of the Tree.



A Block of Our Fine Silver Leaf Poplars

(See Offer Below)

### Poplars

These hardy Trees thrive in almost any soil, and as a class are unequalled for this section.

**Silver Leaved Poplar**—We are featuring this beautiful hardy member of the Poplar family this year as we have developed a most remarkable stock of them in our Nursery. The under sides of the leaves are a beautiful silvery gray, giving it a mark of distinction among the Poplars. It is very resistant to disease and a fast, vigorous grower, developing a beautiful shade head. We offer fine 6 to 8 foot Trees at, each, \$1.00; 6 for \$5.00.

**Balm of Gilead—Native**—A variety that does remarkably well in most parts of Montana, especially the exposed prairie lands of Eastern Montana, and should be extensively planted.

**Bolleana**—A tall, columnar, rapid growing Tree which is an improvement over the Lombardy, being more hardy. Foliage a bright green above and silvery underneath.

**Canada Poplars**—This is one of the hardiest and fastest growing Trees for the Northwest. Farmers living in the treeless sections of the Northwest can add materially to the appearance and value of their property, in addition to deriving a great deal of pleasure by a systematic planting of these Trees.

**Lombardy Poplar**—This variety is a very rapid grower—very erect, forming living pillars of handsome green foliage. Subject to winter killing in some sections.

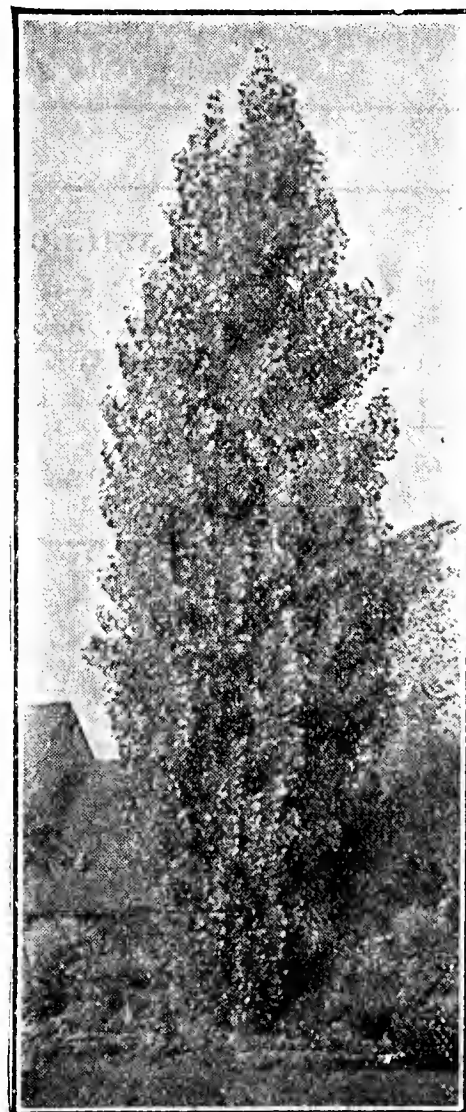
### Price of Any of the Above Varieties of Poplars

**Except Silver Leaf**  
Each, 4 to 5 feet, whips, 50c; 6 for \$2.50; 25 for \$7.50. Each, 5 to 6 feet, 75c; 6 for \$4.00. Each, 6 to 7 feet, \$1.00; 3 for \$2.50. Each, 8 to 9 feet, \$1.50; 3 for \$3.75. Each, 10 feet, \$2.50; 3 for \$6.50; 12 to 14 feet, each, \$4.00. Whips of Canada Poplars only, 1 year, 2 to 4-foot whips, per doz., \$3.00; 50, \$7.50; 100, \$15.00.

### Plum, Flowering

**Prunus Pissardi**—Very handsome form with rich purple leaves. Covered in Spring with beautiful white flowers, later with wine red fruit. Each, \$1.50.

**Prunus Triloba**—One of the finest and hardiest of early Spring - blooming shrubs. The flowers appear very early in the Spring and are very double and of a beautiful light pink. Each, 2-3 ft., \$1.50. (See Color Plate.)



Bolleana Poplar



## Hawthorne

**Paul's Double Scarlet**—The most showy of the double flowering thorns. Its lovely blossoms are of a bright scarlet color, large, full and very double. Each, 6 to 8 feet, \$2.00.

## Tree Cuttings

We sell quantities of cuttings of the following varieties: Poplars, Willows and Native Balm of Gilead, for the rancher or farmer who wishes to buy quantities of Trees but does not wish to invest in rooted Trees. 100, \$1.00; 1,000, \$7.50.

### OUR "HOME MAKERS"

#### SHELTERBELT COLLECTION

- 35—Canadian Poplars—1 yr. whips, 2 to 4 ft.
- 25—White Ash seedlings, 6 to 8 inch.
- 30—Russian Willows—1 yr. whips, 3 feet.
- 25—Russian Olive—18 to 24 inch.
- 50—Caragana—10 to 15 inch.

**ALL FOR \$9.50**

**Delivered Prepaid to You**

### OUR FARMERS' HOME ORCHARD COLLECTION

- 1 Fine Hardy Apple Tree.
- 1 Fine Hardy Crab Apple Tree.
- 1 Fine Hardy Cherry Tree.
- 12 Latham Raspberries.
- 3 Fine Currant Shrubs.

**ALL FOR \$4.25**

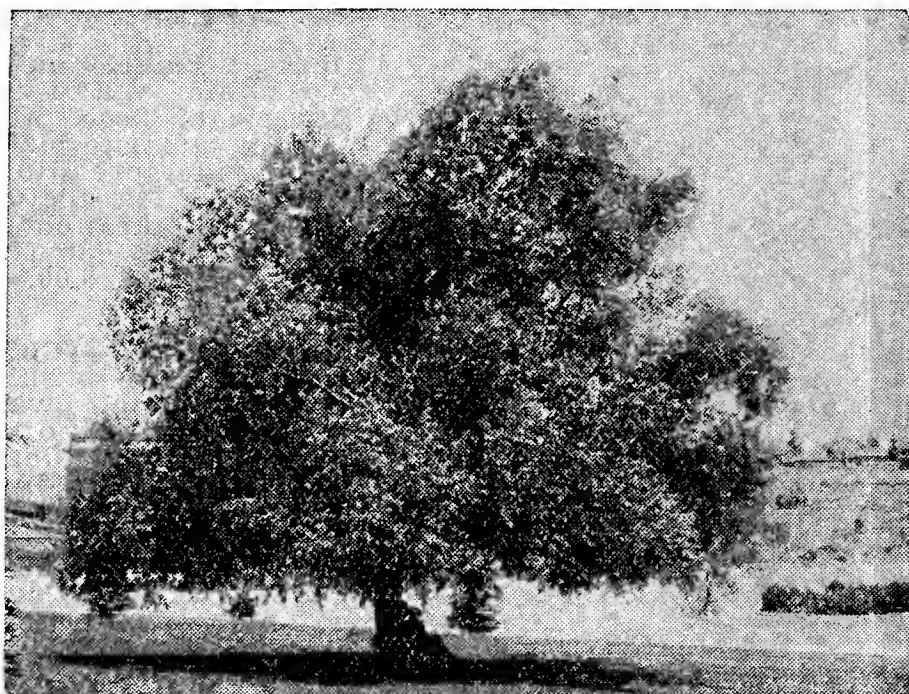
**Delivered Prepaid to You**

### OUR WILLOW OFFER

- 1 Golden Willow, 5-6 feet
- 1 Russian Willow, 5-6 feet
- 1 Laurel Leaved Willow, 5-6 feet
- 1 Pussy Willow, 5-6 feet

**4**

**SENT PREPAID to You for \$2.35**



**A Beautiful Specimen of Russian Willow**

## Willows

Among the best hardy Trees for our Northwest climate, are the Willows. They are handsome and ornamental in any location and are very hardy. Our stocks of these cultivated varieties of Willows are perhaps the largest and best to be found in any section, and produced as they are—at an altitude of over 4,000 feet—on the eastern slope of the main range of the Great Continental Divide, are the hardiest that can be produced anywhere.

**Golden Willow**—Golden colored growth, makes a handsome specimen Tree anywhere, and hardy under all conditions.

**Russian Willow**—A very strong growing, tall variety, extremely valuable for windbreaks, very hardy and of very rapid growth and of great value also for specimen Trees.

Each of the above two varieties, 4 to 5 ft., 50c; 6 for \$2.50; 5 to 6 ft., 75c; 6 for \$3.75; 8 ft., \$1.00; 6 for \$5.00; 10 ft., \$2.00; 6 for \$10.00.

**Laurel Willow**—One of the very best Willows for ornamental planting. Leaves very large and shining. Fragrant when bruised; produces in Spring large rich-colored pussy willows. Each, 6 to 8 ft., \$1.00; 8-10 ft., \$1.50 and \$2.00.

**Pussy Willow**—This hardy native Tree is one of the beautiful harbingers of Spring. Adds variation and natural beauty to the landscape scene. Each, \$1.00, \$1.50 and \$2.00.

### OUR LITTLE PRUNING BOOK

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each, 25c, postpaid.

**ORDER YOUR TREES and SHRUBS EARLY**  
They Will Be Shipped to You at the  
Proper Planting Time



**A Fine 3-Year-Old Shelterbelt**

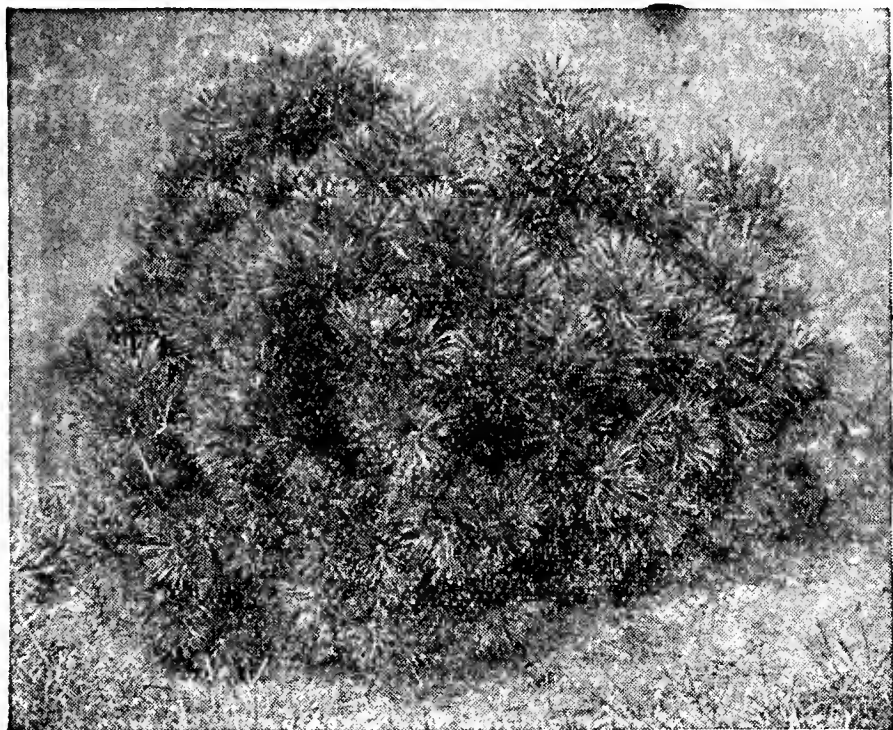
Our Trees are shipped by express and it takes less than 24 hours to reach any point in Montana this way. As our Trees are dug as ordered this means that they arrive in A-1 condition for planting and with our careful handling they receive no set-back.

**ALL COLLECTIONS ARE SENT ONLY AS LISTED**

**WE INVITE YOU TO COME AND SEE OUR TREES GROWING**



# EVERGREENS



Mugho Pine



Black Hills Spruce



Austrian Pine

## Colorado Blue Spruce

(See Color Plate)

**Colorado Blue Spruce—Picea pungens**—There are other Trees of almost every imaginable color and form, but here is truly the culmination of Nature's highest effort to produce the beautiful. It is a perfectly shaped Tree with an abundance of heavy foliage of rich, glistening blue, which flashes and sparkles in the sunlight. The glory of the Blue Spruce is in the foliage, which is an intense steel blue and has created a sensation the world over. It is considered the handsomest Tree on the Rocky Mountain Trail.

Price, 12 to 15 inches, \$3.00; 1½ to 2 ft., \$5.00; 2 to 2½ ft., \$8.00, F. O. B. Helena. For prices on larger sizes, please write.

## Colorado Green Spruce

The green variety of this famous Spruce which has the same graceful shape and quality but exhibits a bright green coloring of the needles rather than the bluish and silvery bluish of the Colorado Blue Spruce.

Price, 1½ to 2 feet, \$4.00; 2½ to 3 feet, \$6.50.

## White Fir

**White Fir—Abies Concolor**—One of the most popular and picturesque of the Evergreens. Both the upper and under sides of the needles are a beautiful grayish blue. It is regarded by many as the cheeriest of all the Evergreens in the winter, has no insect enemies and is the best Fir Tree to withstand heat and drought. It retains a distinct pyramidal outline and is branched to the base. Each, 2 to 2½ feet, \$6.50; 3 to 4 feet, \$12.00.

## Black Hills Spruce

**Black Hills Spruce**—The hardest of all Spruce, being symmetrical, compact and bushy in habit of growth; the very smallest Trees soon form round, sturdy, compact bodies as the Tree grows and develops. It continues to carry this particular style of growth; even in old Trees the lower branches are retained, thus forming a close ground cover. The foliage varies from green to bluish tint. Price, each, 12-15 inches, \$2.00; 2 to 2½ feet, \$5.00; 3 to 3½ feet, \$10.00.

## Douglas Fir

**Pseudotsuga Douglasi**—A beautiful Evergreen forming an open, broad, sharp-pointed pyramid. The lower branches are straight or somewhat drooping, and the middle or higher ones trend upward. This Fir is a symbol of rugged strength, of endurance, and permanency. Price, each, 2 to 2½ feet, \$5.00.

## Pines

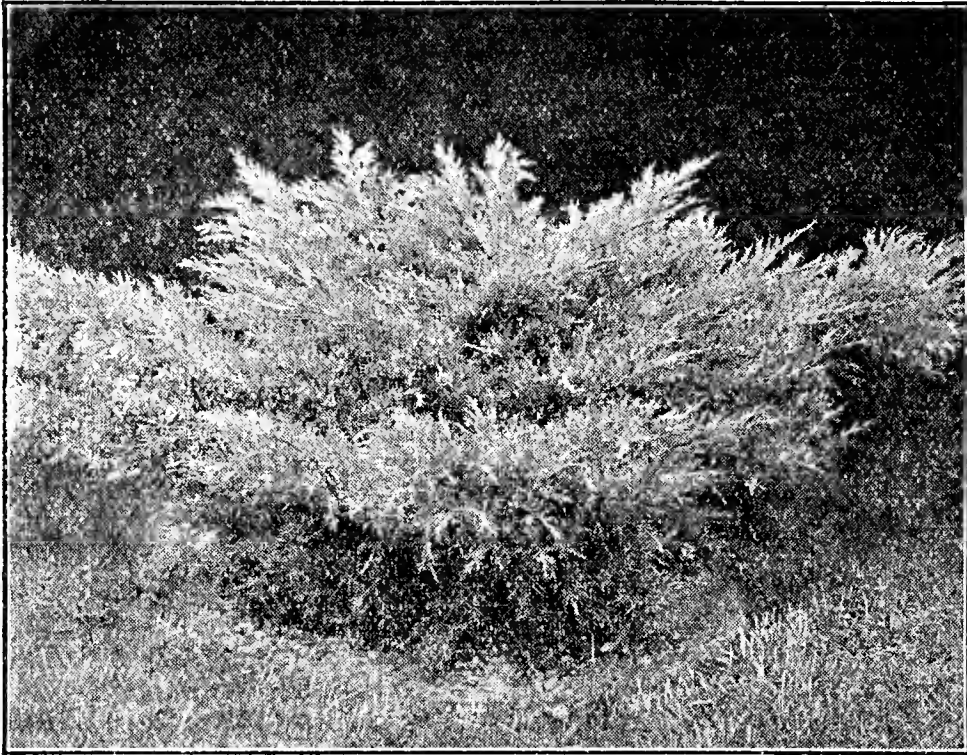
**Mugho Pine**—A very short, stout and bushy Evergreen, very popular for low border plantings and foundation work. It never grows over 4 to 5 feet tall but spreads out 6 to 8 feet in diameter. By annual shearing it may be kept as small as desired. The Mugho is shade tolerant and the color is a deep green in summer and winter and it is very hardy. 18-in. x 18-in., \$4.00; 10-in. x 12 in., \$2.00.

**Austrian Pine—Pinus Nigra**—The leaves are two in a sheath, straight and slender, from 4 to 5 inches long and of such a deep rich green color that it is known in some parts of the world as the "black pine." No tree shows such a resistance to the trying conditions of city planting. Coal gas and smoky atmosphere have no effect on its growth. A very strong hardy Evergreen making a fast annual growth. Each, 2½ to 3½ feet, \$6.00.

**NOTE**—All our Evergreens are shipped with a large ball of earth, securely burlapped. When received, great care must be exercised not to break this ball of earth. At planting time loosen only the top of burlap, then thoroughly pack the soil around the ball of earth, before saturating with water.

**WE INVITE YOU TO DRIVE TO OUR NURSERY**  
and see our Evergreens growing and also the hundreds of large specimen Trees we have to offer.



**Pfitzer Juniper**

**Silver Juniper—Juniperus Scopulorum Hill**—This is a select form of striking blue foliage. It is the whitest Juniper obtainable. The silvery foliage is magnificent as it sparkles in the sun. Each, 1 to 1½ feet, \$2.50; 2½ to 3 feet, \$6.00.

**Swedish Juniper**—An old favorite variety of columnar form, having grayish green, prickly needles. A most compact grower and fine for formal uses. Each, 1½ to 2 feet, \$4.00.

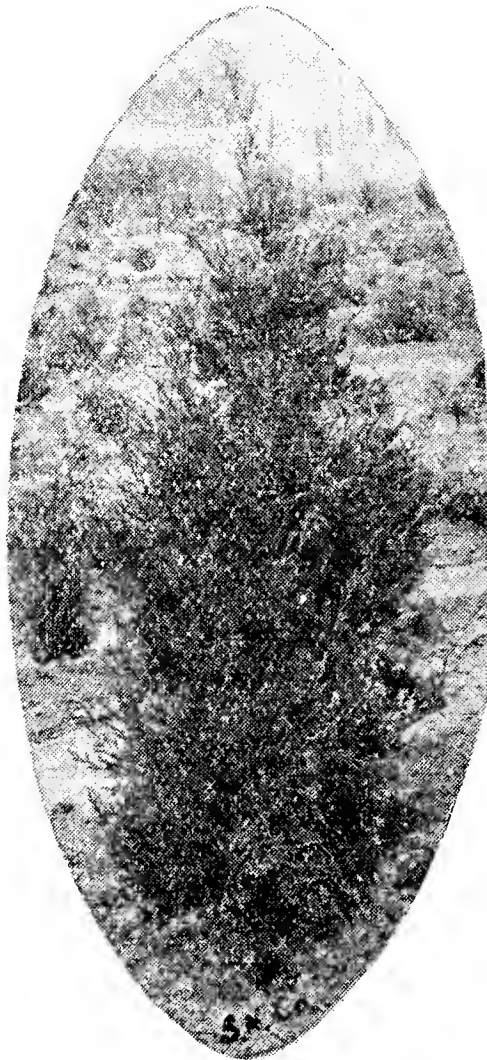
### Red Cedar

**Juniperus Virginiana**—It is a compact, pyramidal type. As Winter comes on, the tips of the new foliage present a pinkish appearance. The early Spring color is very bright green, gradually darkening during the Summer. It bears bright blue and silvery berries which are quite an attraction to birds. Each, 1 to 1½ feet, \$2.00; 2 to 2½ feet, \$5.00; 3 to 3½ feet, \$7.50.

### Landscape Gardening

We are prepared to do landscape work on a large or small scale and we are pleased to make suggestions and estimate cost of improving and beautifying your home grounds. Send us a sketch of your lot or lots with location of buildings, dimensions, location of entrances, roadways and exposure, etc. We are equipped to draw plans of the property and wish to help you plant your home.

ALL EVERGREENS F. O. B.  
HELENA  
When Evergreen and Deciduous Trees Are Personally Selected Catalog Prices Do Not Apply

**Colorado Juniper**

### Junipers

**Hill Dundee Juniper**—An amazing variation from the type. The Summer color is a grayish green, the winter color a brownish red plum color. They grow to about 12 feet in height with uniform habit and symmetrical columnar form. Each, 1½ to 2 feet, \$3.50; 2-3 feet, \$5.00.

**Colorado**—This is the seedling form which produces a variation in habit and color. The color ranges from green to light blue, and is more pronounced during hot dry weather. It is narrow, compact and symmetrical, having one single stem in contrast to some Junipers with several stems. Each, 3 to 3½ feet, \$6.00.

**Pfitzer**—Almost unknown a few years ago, this remarkable Tree today is in the front rank of ornamental Evergreen Trees. The shape and size may be readily controlled by shearing, and it is shade tolerant, being used extensively on the north sides of buildings. It is a low-growing and very bushy type of Evergreen. Each, 1 to 1½ feet, \$2.00; 1½ to 2 feet, \$5.00.

for Better Flowers

**VIGORO**

Specially prepared plant food

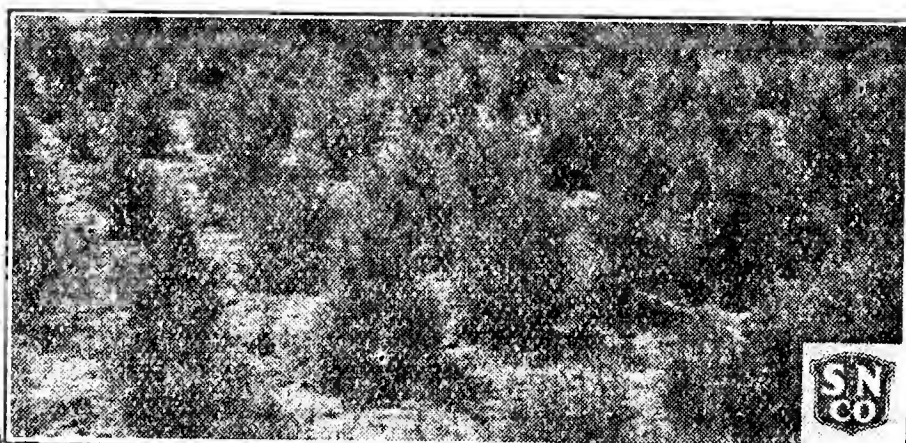
ALL OF OUR EVERGREENS  
ARE WELL FORMED  
TREES, BALLED AND BURLAPPED, AND NOT TO BE  
COMPARED TO SMALL  
CHEAP STOCK OFFERED  
BY SOME OTHER  
NURSERIES

Better Shrubs &amp; Trees

**VIGORO**

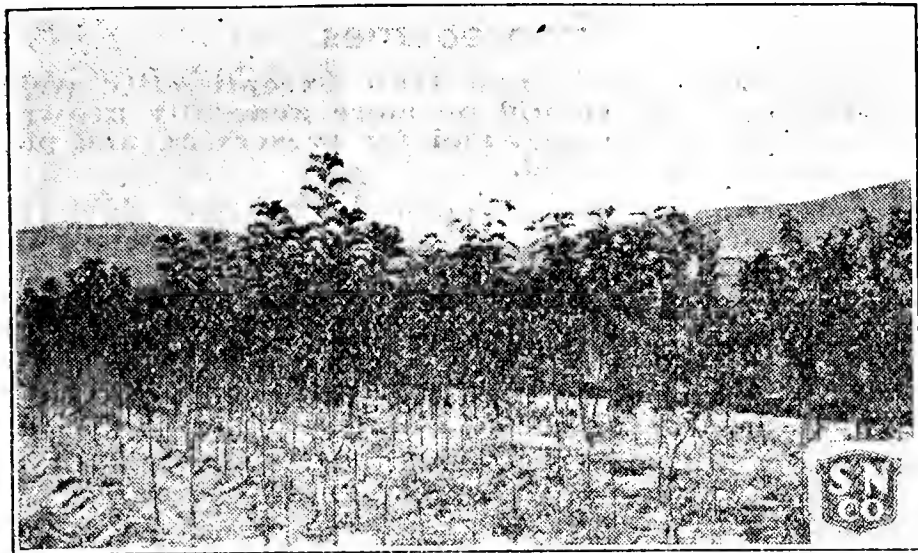
Specially prepared plant food

ALL OUR TREES ARE SELECTED WITH CARE AND CERTAIN TO GIVE SATISFACTION

**Red Cedars Growing in Our Nursery****Another Block of Evergreens in Our Nursery**  
(Photo taken on a frosty January morning)

SEE COLOR PAGE BABY EVERGREEN OFFER





A Block of Young Apple Trees in Our Nursery

## FRUIT TREES AND SMALL FRUITS

Our Fruit Trees and Small Fruits are hardy and adaptable to the Northwest and are inspected, clean and thrifty. We offer you only the varieties that we have found to be hardy in our forty-three years' experience in Montana.

**BUY FRUITS NOW WHILE PRICES ARE DOWN.  
WE PAY DELIVERY CHARGES**

### Apples

**Duchess of Oldenburg**—One of the hardiest and most productive of our large Apples. Fruit streaked red (Fall variety). Each, 5-6 feet, \$1.00; 3 for \$2.50.

**Haralson**—A dandy Winter Apple, originating at the Minnesota fruit breeding station. It is a sturdy hardy grower and is resistant to fire blight. Bears a good crop of handsome red Apples early, yet the fruit keeps well into Spring. Each, 5-6 feet, \$1.00; 3 for \$2.50.

**Hibernal**—A splendid Fall variety, very hardy. A really good Apple for exposed situation. Each, 5-6 feet, \$1.00; 3 for \$2.50.

**McIntosh Red**—Too well known to need description. Each, 5-6 feet, \$1.00; 3 for \$2.50.

**Yellow Transparent**—Earliest of splendid quality, and does well in any exposed situation. Fruit light yellow. Each, 5-6 feet, \$1.00; 3 for \$2.50.

**Wealthy**—Does well wherever grown—leading Winter variety for Montana. Large red fruit. Each, 5-6 feet, \$1.00; 3 for \$2.50.

### Crab Apples

Our Trees are noted for their hardiness and vigor, and usually bear the second season after planting. From an ornamental standpoint alone these Trees are well worth planting.

**Transcendent**—Very productive; fruit yellow with red cheek. The variety generally used for jelly. Each, 5-6 feet, \$1.00; 3 for \$2.50.

**Whitney**—Bears quantities of very large fruit. Good both for eating and cooking. Very hardy. Each, 5-6 feet, \$1.00; 3 for \$2.50.

**Red Siberian**—One of the hardiest and most prolific fruiting Crab Apples yet introduced. Each, 5-6 feet, \$1.00; 3 for \$2.50.

(Larger Trees of any of the above, \$2.00 to \$4.00)

### Cherries

Cherries do very well in some parts of Montana, while in others they will not succeed. We advise our customers, where Cherries are not grown, to test a tree or two before attempting to plant on a large scale.

**Early Richmond**—A splendid variety in dark red. Each, \$1.25; 3 for \$3.50.

**Montmorency**—A good hardy red variety. Each, \$1.25; 3 for \$3.50.

**English Morello**—A good hardy red variety. Each, \$1.25; 3 for \$3.50.

### Rocky Mountain Cherry

A distinct Hardy Shrub and its load of white blossoms in Spring is followed by quantities of black fruit that ripens into fruit valuable for preserving; one or more should be in every garden.

Each, 3 feet, \$1.00; 3 for \$2.50. Each, 2 feet, 50c; 3 for \$1.25.

### Compass Cherry

**Compass Cherry**—A cross between a Cherry and a Plum. It is very hardy and will thrive where many other trees will hardly grow. In the Spring it is covered with a dense mass of blossoms, making it invaluable for a decorative plant anywhere. It bears enormous quantities of fruit, ripening late in the season, and which is extra fine for jelly-making purposes. Each, 3-4 feet, 75c; 3 for \$1.85.

### Chokecherry

This native Tree may be trained to a bush or tree form. It produces an abundance of fruit and it is becoming most popular for ornamental use on the landscape. Each, 5 feet, \$1.00; 3 for \$2.50.

**WE CAN SUPPLY APPLES, CRAB APPLES  
AND PLUMS IN MANY LARGER SIZES**

**From \$3.00 to \$5.00**

**We Will Fill Your Order to Full Value**

**OUR FRUIT TREES ARE  
SHIPPED PREPAID**



Another Block of Young Fruit Trees in Our Nursery



Plums

For fruit and ornament Plum trees stand in the first rank. The Plums we offer are the best for the Northwest and you will be surprised at the fine crops they will produce.

**Bradshaw**—A fine large dark red Plum with green flesh and very juicy and of the finest quality. A hardy, vigorous grower and a fine market Plum.

**De Soto**—Large oval, light yellow and red, sometimes mottled; juicy, good quality. An early and regular bearer, producing large crops. One of the very best.

**Terry**—Another American Plum originating in northern Iowa, and has proven very hardy. A large fruit, color red over yellow, round shape, thick skin, yellow flesh of splendid quality.

**Underwood**—Very hardy and very prolific. Fruit large, red, juicy, good quality. An early and regular bearer. Quality excellent. This variety we can highly recommend. Even the small trees in our grounds are literally covered with fruit. (See Color Plate.)

**Waneta**—The most delicious of all Plums. Extra large size, two inches in diameter. Hardy anywhere in the Northern States. An early and prolific bearer, often producing a good crop in two years from planting.

Price of Plum Trees, each, \$1.25; 3 for \$3.50.

Gooseberries

Gooseberries grow and fruit exceptionally well in Montana, and should be more generally grown. They yield enormously, and for preserving and pie making are unexcelled.

**Oregon Champion**—A splendid green variety, hardy, of good size and flavor. This variety is more generally grown on the Oregon fruit farms than any other for market purposes.

**Industry**—This is a fine hardy berry. The fruit is exceptionally large and of excellent flavor and quality. This has proven to be the most popular berry of recent years.

Price of Gooseberries, each, 50c; 3 for \$1.25.

Grapes

The two varieties below are the most adaptable:

**Beta**—A hardy northern hybrid, deep purple in color, medium size, and considered one of the best varieties for jelly and similar uses. Vigorous grower, does well anywhere and is especially adapted to the Northern States. Each, 45c; 3 for \$1.00.

**Concord**—The most popular; very hardy, vigorous and productive. Each, 45c; 3 for \$1.00.

**OUR SPECIAL BACKYARD  
FRUIT OFFER**

1 Wealthy Apple Tree, 4-5 feet  
1 Rocky Mountain Cherry, 3 feet  
1 De Soto Plum, 4 to 5 feet  
1 Compass Cherry, 3-4 feet

**ALL FOR \$3.25**  
Prepaid to You

Currants

Currants are hardy, very prolific, and their qualities for jelly making appeal to every housewife. Our stocks are good—in the best possible condition.

**Perfection**—This is perhaps the best variety of Red Currant that was ever introduced. It is a prolific yielder, with a rich sub-acid flavor. The fruit is very pulpy and contains but very few seeds. We strongly recommend this variety to be grown both for commercial and home use.

**Red Cherry**—Very productive, color a bright red, in profuse clusters. Large fruit, fine for jelly making.

**White Grape**—The best white variety, of very bushy habit of growth, yielding large quantities of large white fruit.

PRICES OF CURRANT BUSHES

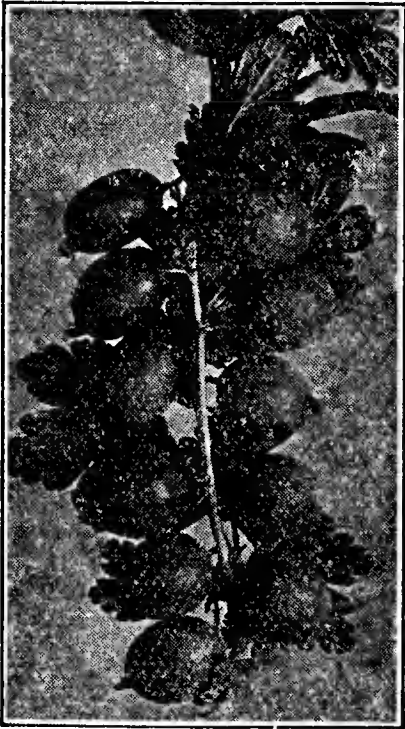
1-year, each, 35c; 6 for \$1.30; 2-year, each, 65c; 6 for \$3.00.



Perfection Currants

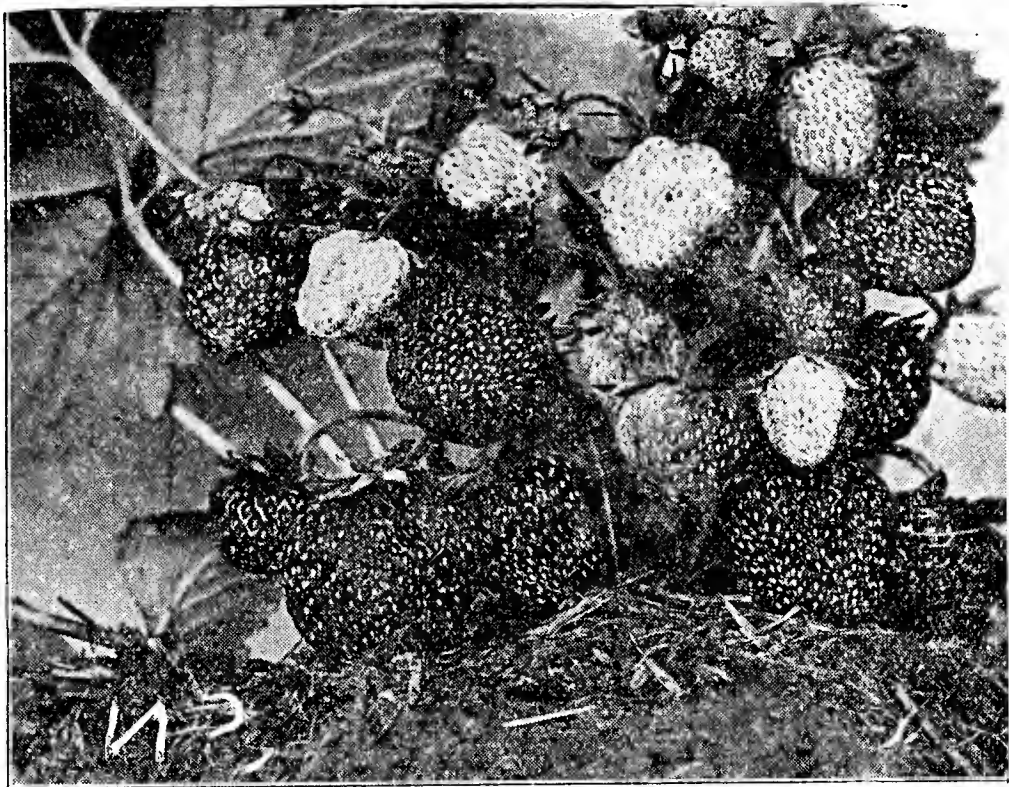
All Prices on Trees, Shrubs, Plants and  
Roots, except Evergreens, include  
delivery to your nearest  
express station

Unless Item is marked Not Prepaid



Gooseberries—O. Champion





Champion Everbearing Strawberry

Pamphlet on Strawberry and Bush Fruit Culture FREE ON APPLICATION

The New Mastodon Strawberry

A fine new berry that has proved to be a wonder. The berries are large and are borne in great profusion. The plants are more resistant to disease and are strong, vigorous growers. We highly recommend this variety to you. Prices on Mastodon strong, sturdy plants, 50 for \$1.50; 100 for \$2.50. (See Color Plate.)

Standard Type Strawberry

Senator Dunlap—Hardy, strong grower, prolific plant-maker, good bearer of firm berries and stands transportation well. The best early mid-season berry for Montana. Perfect flowering.

50 plants .....	\$ 1.25
100 plants .....	2.00
500 plants .....	8.00
1000 plants .....	14.00

Raspberries

Raspberries are a splendid small bush fruit for Montana. The varieties we list have proven to be the hardiest and most adaptable in the Rocky Mountain region.

Latham—A large dark red berry which has proven to be ideal for the Northwest. It is a hardy, vigorous grower, a heavy yielder, and a good keeper and shipper. It combines all the good qualities asked for in a Raspberry. Price, 6 for 45c; 12 for 75c; 25 for \$1.35.

Syracuse—A newer and very large red berry which is ideal for home use. Not as solid as the Latham and not quite as hardy in some sections but its size and quality place it very much in demand. Price, per dozen, \$1.20; 25 for \$2.15.

Gregg—The best of the black Raspberries, and a splendid yielder. This is the variety of black Raspberry generally grown for market purposes. Price, per dozen, 90c; 25 for \$1.65.

Everbearing Raspberry

St. Regis—Everbearing red. This is perhaps the best known of the Everbearing type, and has proven well adapted to general Montana conditions. Well worth a trial. A very prolific yielder of delicious flavor. Per doz., \$1.00; 25 for \$1.75.



Our Strawberry Plants Are Strong

Blackberries

We recommend very highly our Montana Grown Hardy Blackberries. The bushes make a fine sturdy growth and bear large quantities of good sized fruit. The berries are sweet and mild and excellent for table purposes, jams, pies and jellies. Price, 6 for 45c; 12 for 85c; and 25 for \$1.50.

WINTER PROTECTION

After the first freeze and when the plants are free of leaves throw a covering of coarse straw around the canes or lightly earth-up with soil.

Strawberries

The fruiting plant that stands the severe conditions of Montana's climate with splendid credit to itself is the Strawberry. For the space it occupies in the garden it is hard to find anything to equal it and our patrons show a constantly increasing appreciation of this fact.

We desire to call especial attention to the Everbearing varieties listed. They should prove of more than usual merit for both home culture and market purposes.

We do not recommend fall planting in Montana.

Everbearing Strawberries

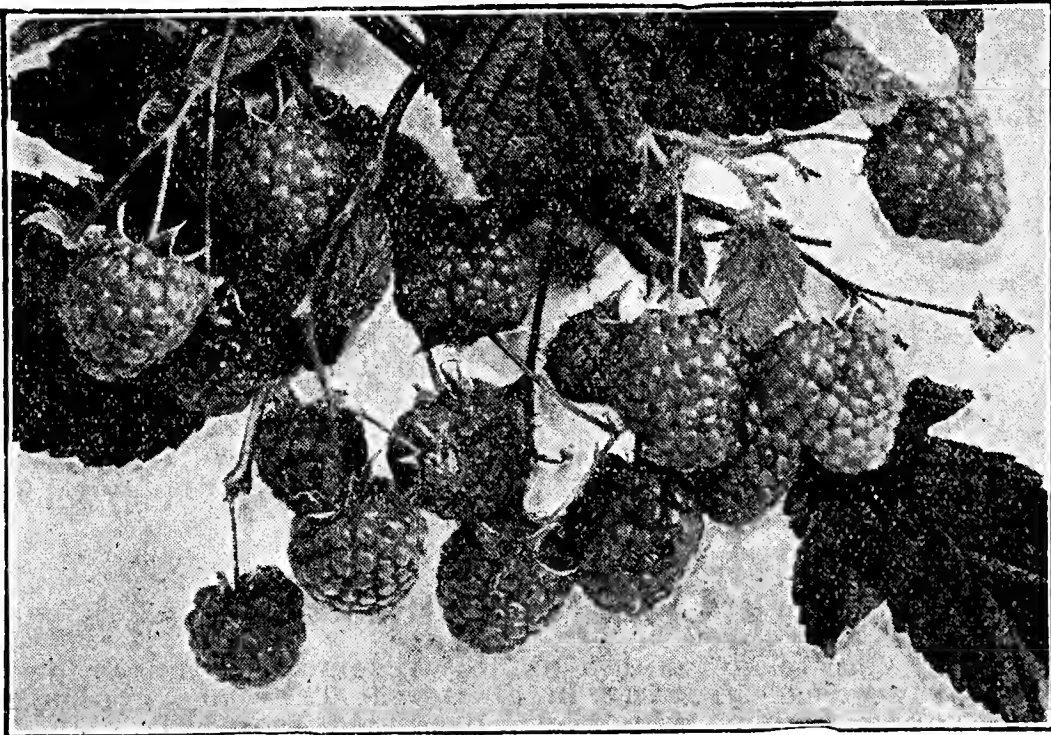
This type of Strawberry is becoming a great favorite in the Northwest. Their extreme hardiness, combined with their long bearing season, make them doubly valuable.

Pride of Montana—This berry originated in the Bitter Root Valley and are very large in size, being more prolific than the Progressive and increase in size from the first picking up until the last. The plants and fruit will stand fairly heavy frost and are highly recommended.

Champion Everbearing—Derived from a seedling of Superb. Similar in many respects but larger fruited and more productive. Can stand a great deal of grief and show results in seasons where others fail.

PRICES ON ABOVE TWO VARIETIES

50 plants .....	\$ 1.00
100 plants .....	1.75
500 plants .....	7.00
1000 plants .....	12.00



Latham Red Raspberries



# VEGETABLE PLANTS AND GARDEN ROOTS



3-inch Pot Tomato

## Asparagus Roots

Asparagus is very easily grown, and a bed when once established will more than repay any housewife who loves to have this delightful vegetable for her table in the early Spring, and also for canning for Winter use.

**Washington Rust Resistant**—A new variety, above all others in size, vigor, quality and tenderness. Prices: Doz., 1-year-old, 45c; 100, \$2.75; 2-year-old, doz., 65c; 100, \$3.50.

For a home garden plant Asparagus Roots 18 inches apart in rows 2½ feet apart, 100 roots for a patch 20x20 feet; 5,000 to 7,000 roots will plant an acre.

## Horse Radish

**Strong Vigorous Roots** of this popular spicy relish—Each, 15c; doz., \$1.25.

## Mint

**Spear**—For mint sauce and flavoring. Fine, hardy, high quality roots. Each, 20c; doz., \$2.00.

## Parsley

A valuable herb used for seasoning and garnishing. Each, 10c; doz., \$1.00.

## Tomato Plants

Our list of Tomato Plants is made up of the most adaptable varieties for Montana and the Northwest. They have all been tested and tried in our seed testing grounds and the plants are from the most select seed. We are offering strong three-inch pot-grown plants which will start bearing from two to three weeks before the transplants and also the young bed transplants, all of which have been carefully hardened off.

### TOMATO ARISTOCRATS

The following three varieties, while a little higher in price, will more than repay with their novelty nature and extra quality:

**Market King**—A variety that has met with much favor. A medium sized fruit, and a heavy cropper.

**Orange Sunrise**—One of the best yellow varieties yet introduced. A free fruiter of medium size.

**Break-O-Day**—A fine new early Tomato producing large, smooth, meaty globular red fruits. It is resistant to fusarium wilt of vines and to nailhead rust of fruits and also to several blights. It produces a heavy early crop and continues to bear a long time.

Prices of above three varieties—Strong 3-inch pot plants, doz., \$1.25; 6 for 65c. Strong Transplants, doz., 75c; 6 for 40c; 50 for \$2.50.

## Standard Tomatoes

**John Baer**—One of the earliest varieties for Montana, of splendid color and flavor. A heavy yielder and good sized fruit.

**Bonny Best**—Another good early sort.

**Earliana**—Fruit large.

**Marglobe**—A variety introduced by the United States Department of Agriculture. It is of fine appearance, noted for its great productivity, deep globe shape and superb table qualities. Color, a beautiful scarlet.

Prices of above four varieties: Strong plants from 3-inch pots, doz., \$1.00; 6 for 55c. Strong transplants, doz., 55c; 6 for 30c; 50 for \$2.00.

## Chives or Snittlauch

Small, hardy perennial plants, resembling the onion in appearance and growing in clusters. They are grown for the young leaves which are produced from early in the Spring throughout the Summer. They give a mild onion flavor to sausages, salads and various dishes. Clump, 25c; 3 for 55c.

## Pepper

(Ready May 20th)

**Large Bell or Bull Nose**—The variety for Montana. Large early variety. Flesh is thick, of a mild flavor and of a shape that is desirable for filling. Splendid producers.

**Cayenne Long Red**—The real red hot kind, very prolific.

**Harris' Earliest**—The earliest Pepper in cultivation, therefore splendidly adapted to the Northwest.

**Pimiento**—The mildest flavored of all Peppers, grown extensively for pimientoes, pickles and pulp. Very productive. Its smooth, thick flesh and uniform shape make it an excellent shipper.

Price of any of the above four varieties: Per doz., 60c; 25 for \$1.10.

## Rhubarb or Pieplant

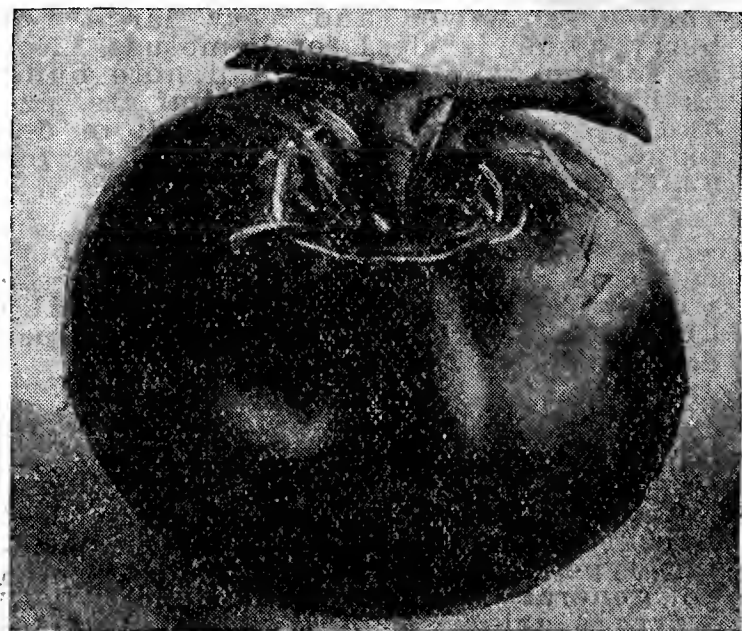
33 to 100 feet of row—5,000 to acre—5x3 feet. Requires a deeply cultivated and thoroughly manured soil—the more the manure the better. Our VICTORIA strain is not surpassed by any for its fine grain, its early propensity and delicious flavor.

**S. N. & S. Co.'s Victoria**—Large red stems. Each, 2-year-old, 35c; 6 for \$1.50.

If wanted in quantities—write for prices.

## Sage

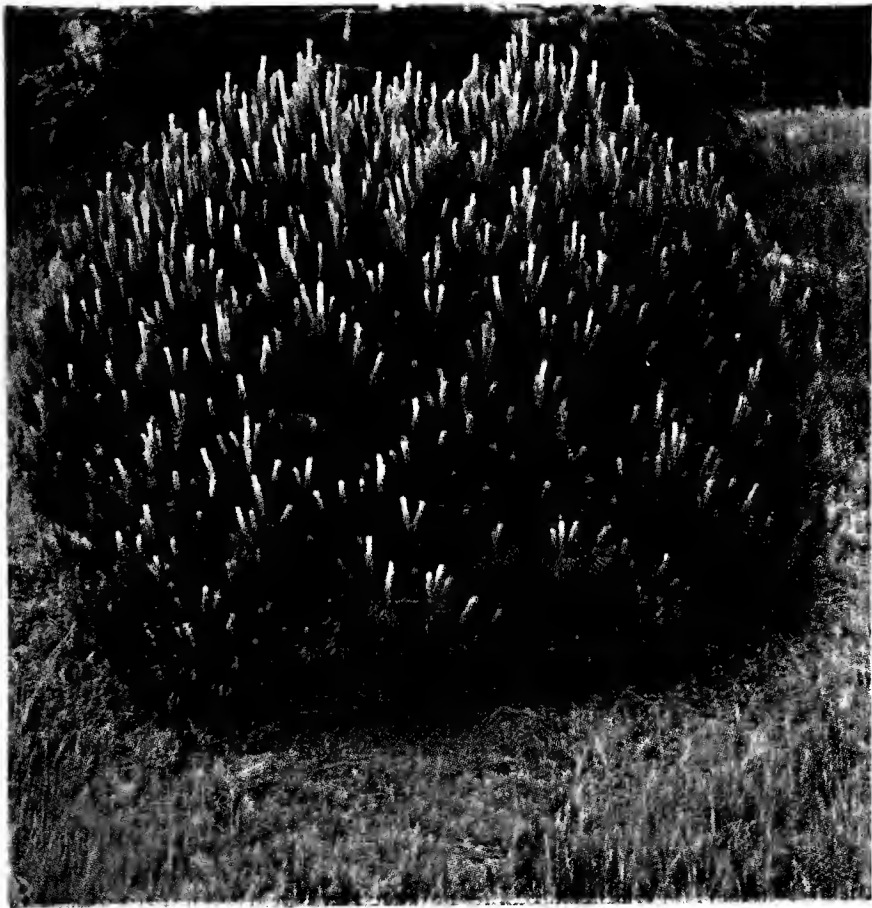
A valuable herb used for seasoning. Plants from 4-inch pots, each, 25c.



Tomato—John Baer

REMEMBER WE PAY DELIVERY ON ALL VEGETABLE PLANTS





MUGHO PINE



PFITZER JUNIPER

Our Peerless Collection  
of 5 Baby  
Hardy Evergreens

*You will want Evergreens that  
will Grow in Montana*



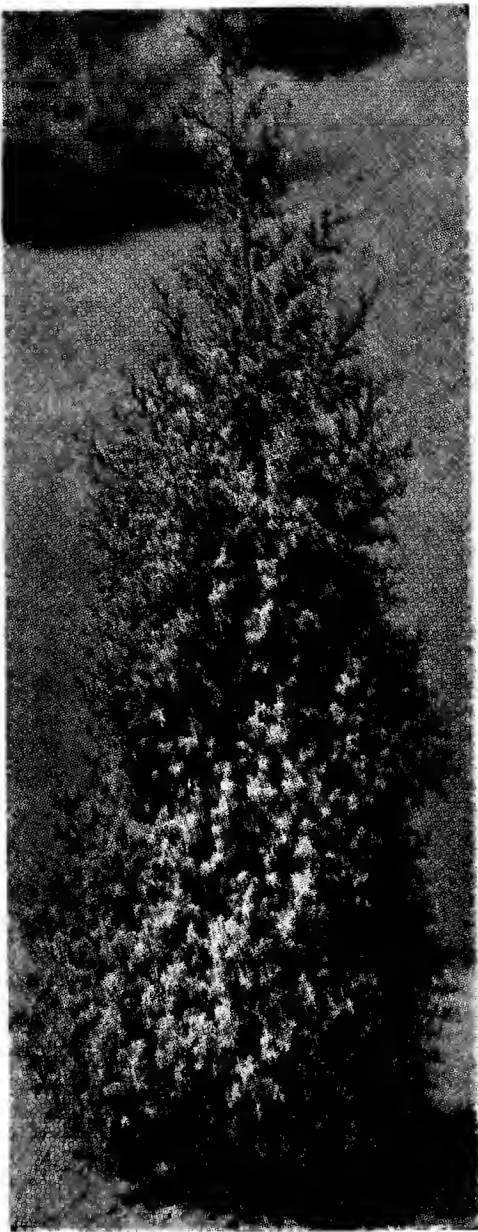
All Our Evergreens are  
Balled and Burlapped

HERE'S OUR OFFER

- 1 Silver Juniper - 1 to 1½ ft.
- 1 Pfitzer Juniper 1 to 1½ ft. spread
- 1 Red Cedar - - 1 to 1½ ft.
- 1 Mugho Pine - 10 to 12 in. spread
- 1 Colorado Blue Spruce 12 to 15 in.

*All these trees are carefully selected  
and securely balled and burlapped and  
not to be compared with cheaper stock  
oftentimes sent with washed roots.*

**All 5 for \$10.00** F. O. B.  
HELENA



SILVER JUNIPER



COLORADO BLUE SPRUCE



RED CEDAR

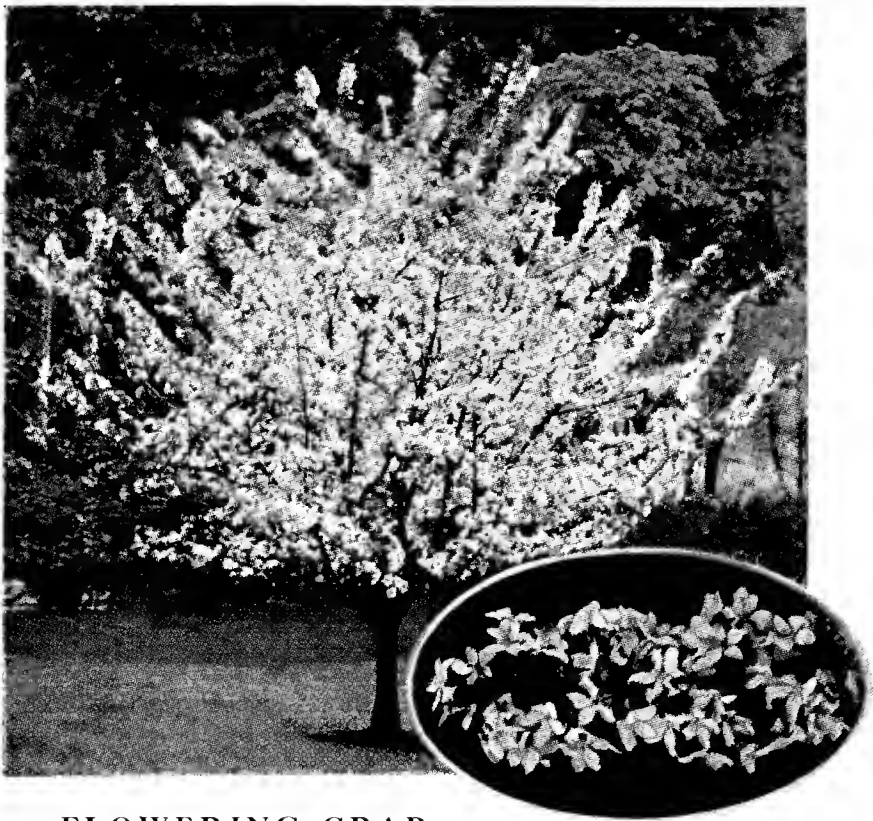
*See EVERGREEN PAGES for  
Single Prices and Larger Sizes*

*See EVERGREEN PAGES for  
Single Prices and Larger Sizes*

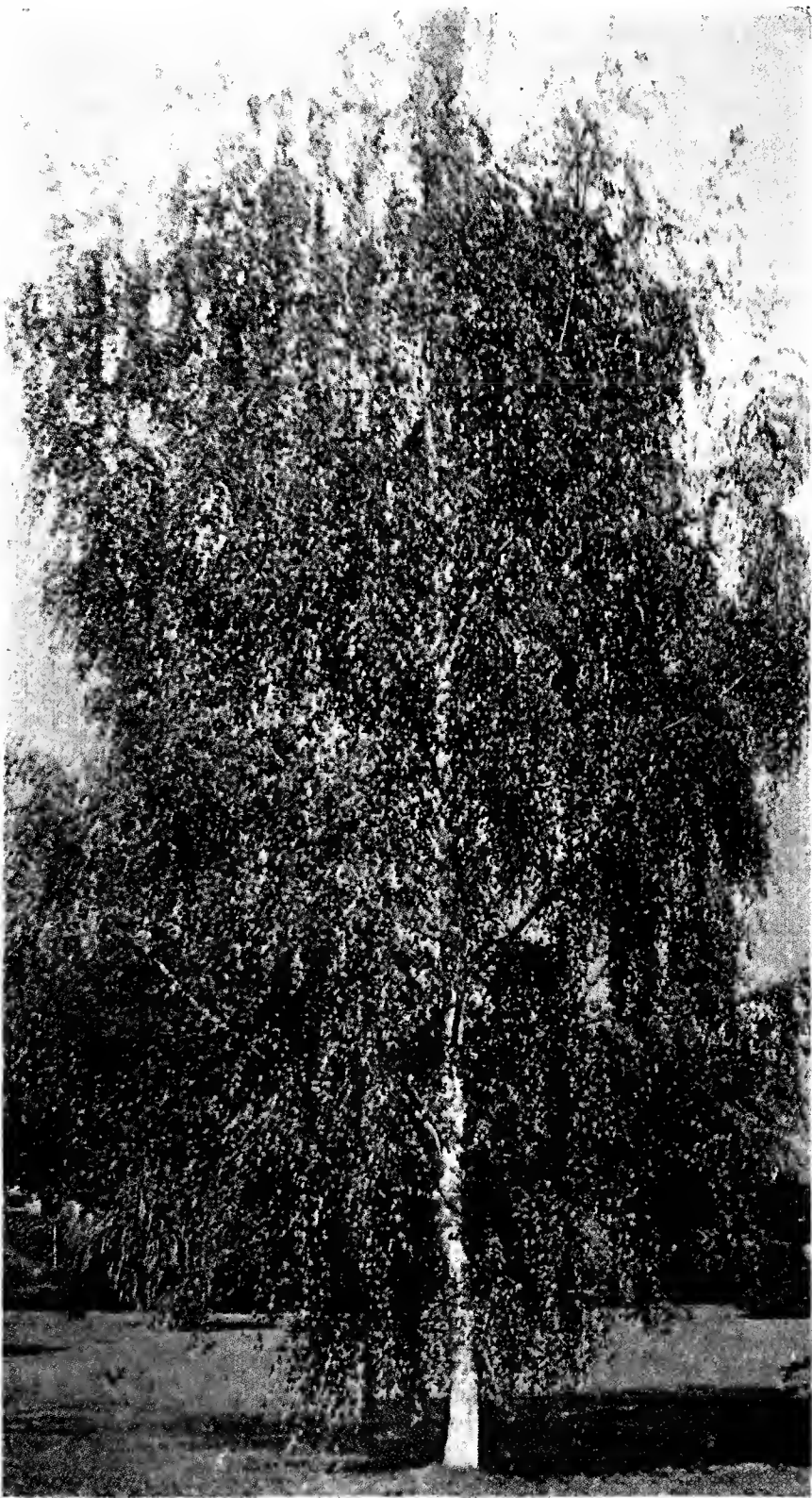


**Trees for Shade and  
Ornament** FOR NORTHWEST  
LANDSCAPES

*See Tree Section of Year Book for  
New Low Prices and Description*



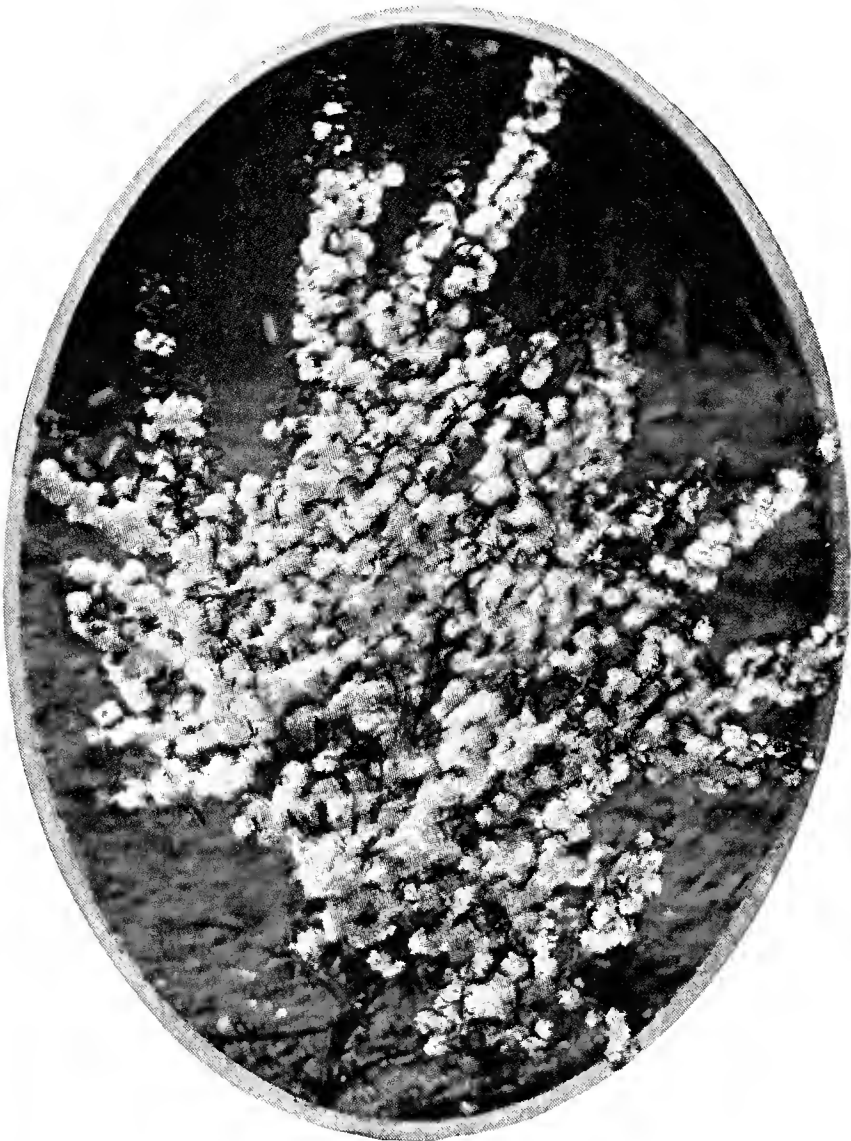
FLOWERING CRAB



CUTLEAF WEEPING BIRCH



SCHWEDLER MAPLE

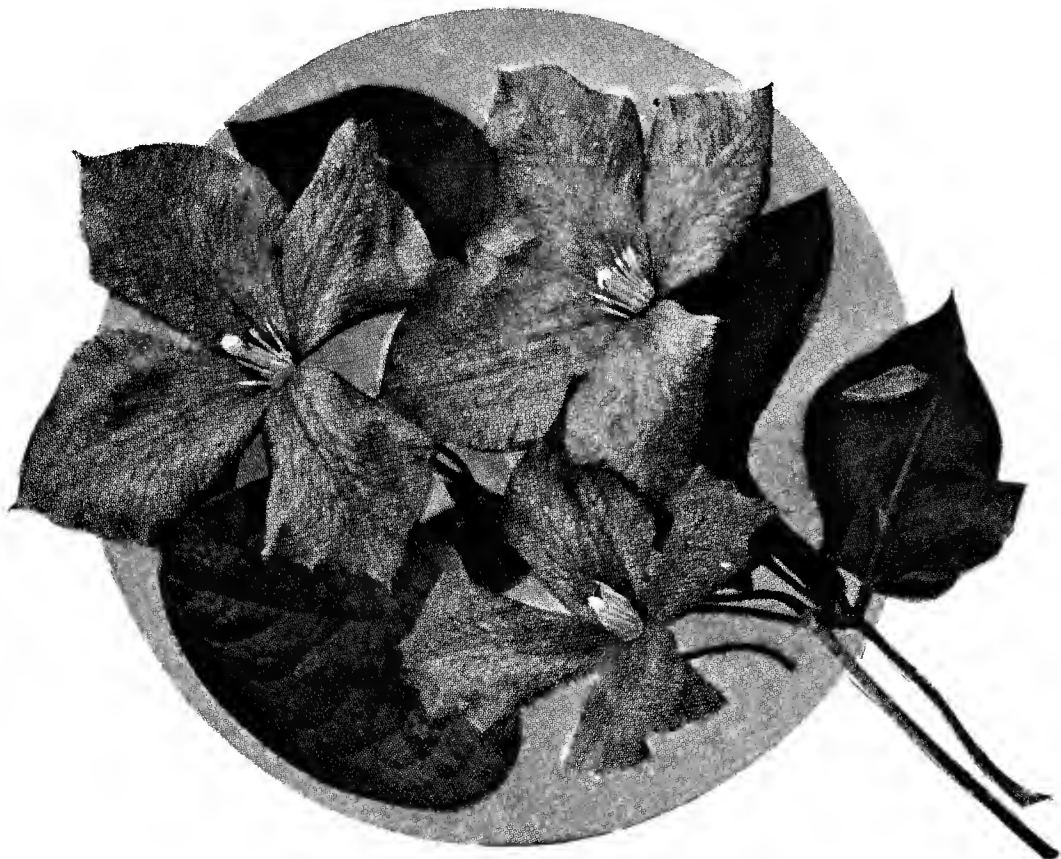


FLOWERING PLUM  
"PRUNUS TRILOBA"





SPIREA VANHOUTTEI



CLEMATIS JACKMANNI

A fine flowering vine for the Northwest

**Special Color Page Offer**

1 Each of 5 Shrubs and Vines  
on this Page — Value **\$3.25**  
FOR **\$2.75** PREPAID TO YOU



BUDDLEIA  
BUTTERFLY BUSH



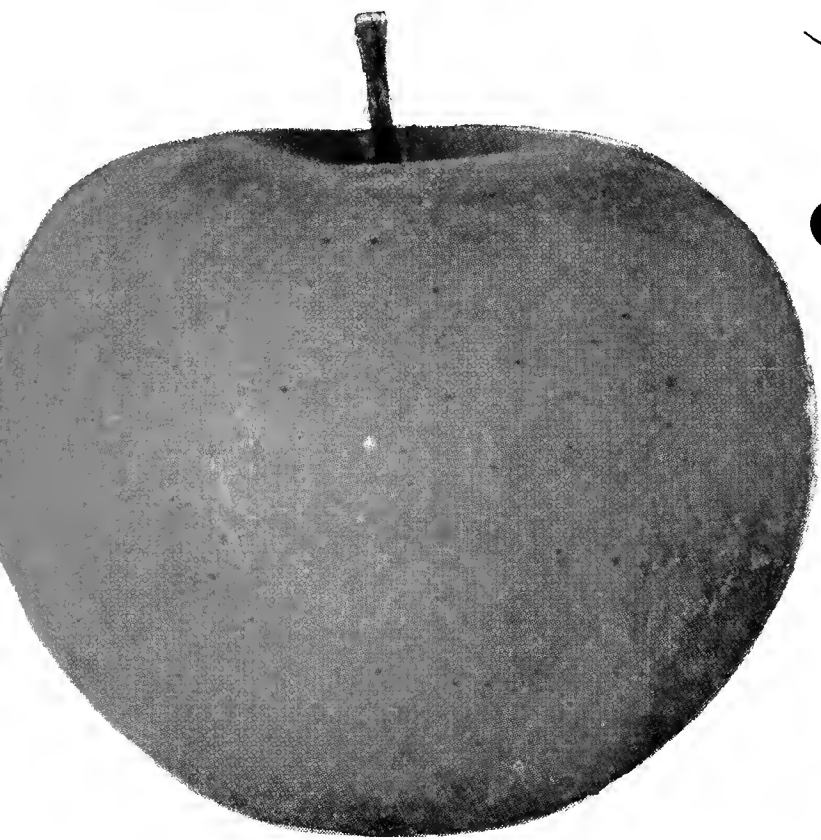
RED TARTARIAN HONEYSUCKLE



JAPANESE BARBERRY—Fine for Low Hedges and Foundation Planting



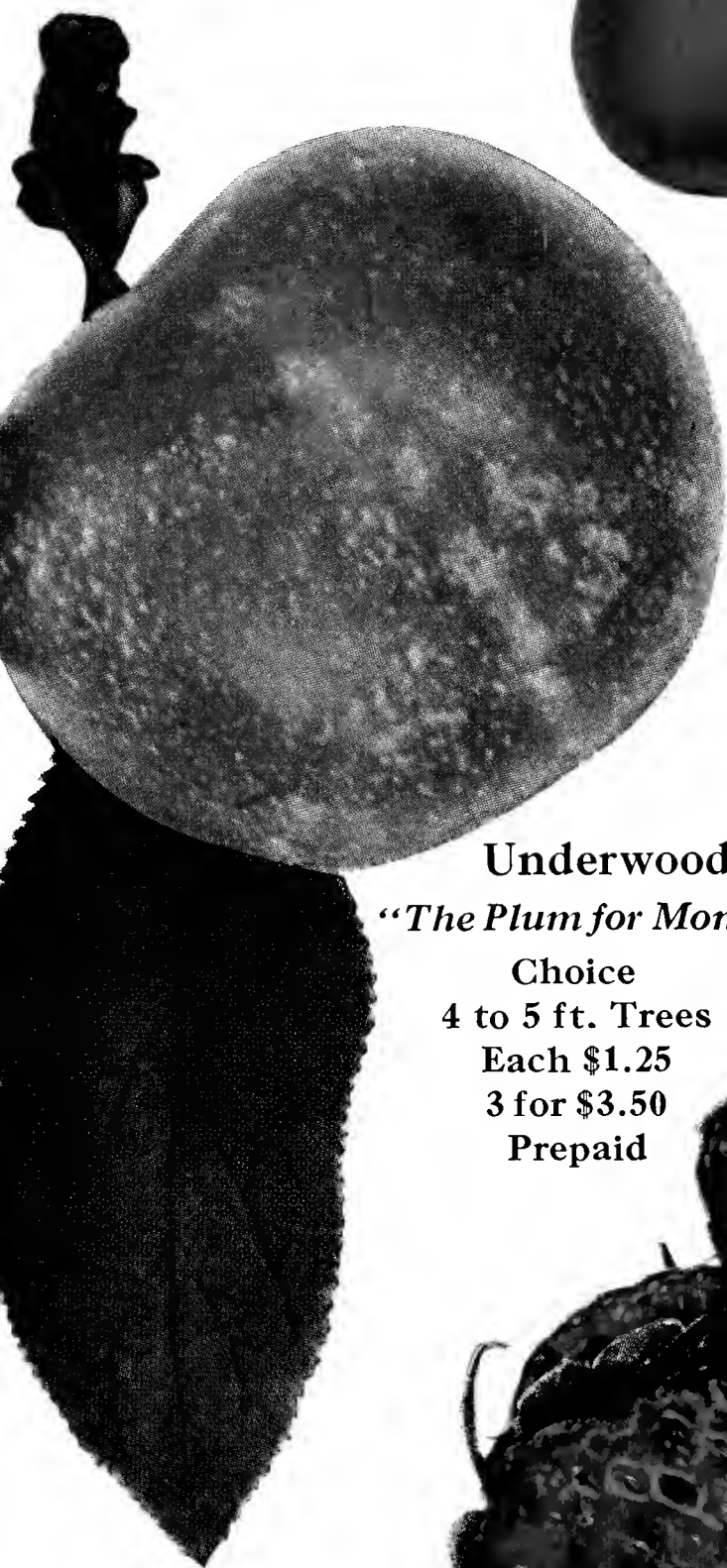
~ OUR PEEERLESS ~  
**5 Hardy Fruits**  
*for the Northwest*



**Yellow Transparent**  
Choice 4 to 5 foot Trees  
Each \$1.00    3 for \$2.50  
Prepaid



**Montmorency  
Cherries**  
Choice 4 to 5 ft. trees  
Each \$1.25  
3 for \$3.50  
Prepaid



**Underwood Plum**  
*"The Plum for Montana"*  
Choice  
4 to 5 ft. Trees  
Each \$1.25  
3 for \$3.50  
Prepaid

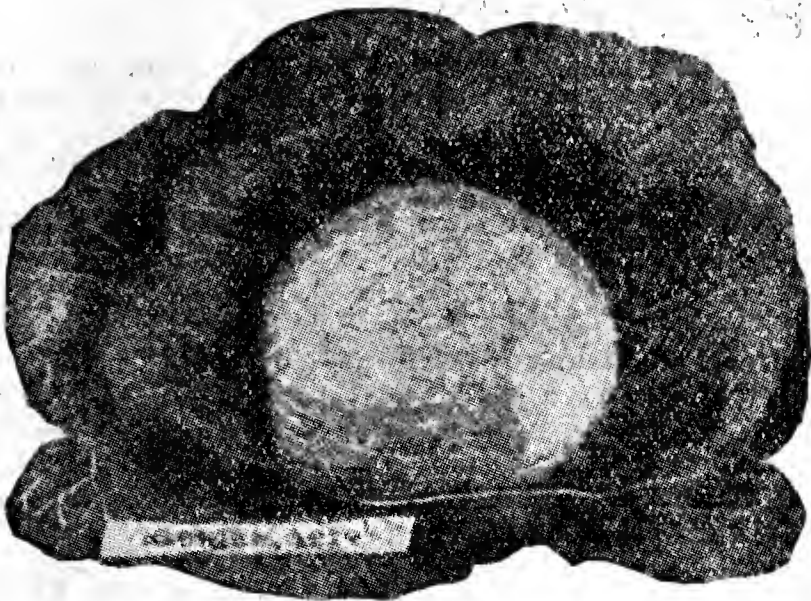


**Latham  
Raspberry**  
Doz. 75c  
25 for \$1.35  
Prepaid

**The New  
Mastodon  
Strawberries**  
A Better, Bigger Berry  
50 Plants \$1.50  
100 Plants \$2.50  
Postpaid







Cabbage—Earliest of All



Our Plants Are Strong,  
Sturdy and Hardened



Celery—White Plume

Cabbage

As for the past four years, we are listing only our own Cabbage plants; for actual results have shown they make better growth than the so-called frost-proof Cabbage for they do not receive the set-back suffered by the latter.

Our Cabbage plants are grown in cold frames and are carefully hardened off. Should the season be normal we shall be ready to ship by May 1st; if it is late we shall ship accordingly. Too early planting of the late varieties often results in "splitting." We offer only varieties which have proven the best in vigor, quality and weight for this section.

Our Cabbage plants will be ready about May 1st and can be successfully planted up to the middle of June.

Early Varieties

Ready About May 1st to June 15th

**Copenhagen Market**—Early round head, vigorous grower and yielder and one of the best.

**Early Jersey Wakefield**—Early cone-shaped heads, uniformly hard and solid. Few outside leaves, heart well blanched.

**Earliest of All**—This is the earliest hard heading Cabbage in cultivation. It has good size and a wonderful flavor, is very productive and is very tender.

**Hollander or Danish Ball Head**—Vigorous, compact grower, exceedingly hardy in resisting cold or dry weather, heads very solid and of fine quality—good shipper.

**Danish Round Head—Improved**—Very vigorous, wonderful capacity for withstanding hot sun, very solid, crisp and tender.

PRICES OF EARLY AND LATE CABBAGE

Dozen .....	25c	Fifty .....	60c
Twenty-five .....	40c	Hundred .....	\$1.00

Write for Prices on Larger Quantities

**Red Cabbage**—The most solid of the Red Pickling varieties, sure heading and tender.

**Savoy Cabbage**—The most solid heading Savoy, plants being strong and vigorous.

**Brussel Sprouts**—A very palatable Cabbage vegetable. Very easily grown and profitable.

PRICES OF BRUSSELS SPROUTS, RED CABBAGE, AND SAVOY CABBAGE

Dozen .....	35c	Fifty .....	80c
Twenty-five .....	45c	Hundred .....	\$1.35

Cauliflower

Ready About May 1st to June 15th

50 plants per 100 feet of row; 8,000 plants per acre, 3 feet x 2 feet.

Cauliflower grows splendidly in Montana. A money-making crop in favored sections.

S. N. & S. CO.'s SNOWBALL—For Fall and Winter Use

Dozen .....	30c	Fifty .....	80c
Twenty-five .....	50c	Hundred .....	\$1.50

Celery

Ready About May 1st

14,000 to 15,000 plants to the acre; 100 to 100 feet of row.

**S. N. & S. Co.'s Golden Self-Blanching**—Early, solid, crisp delicious flavor.

**S. N. & S. Co.'s White Plume**—For Fall and Winter use. Self-blanching.

Dozen .....	35c	Fifty .....	90c
Twenty-five .....	60c	Hundred, either variety .....	\$1.35

Write for Prices on Larger Quantities

Bermuda Onion Plants

Southern Grown

We have made arrangements to handle the above variety of Onion plants which are of exceptional quality:

Per hundred (prepaid)..... 40

Per thousand (prepaid).... 1.75

500 at 1,000 rate.

Six thousand (case) not prepaid) .....\$7.50

Sweet Potato Plants

(Plants Ready About May 25th)

**Culture**—Set plants about 18 inches apart. For a few days after planting protect against extreme heat, strong wind and cold nights. A warm soil with a southerly exposure is ideal. For those who wish to try Sweet Potatoes we are listing the Yellow Jersey which is the best for Northwest conditions.

Dozen .....	.50
Fifty .....	1.25
Hundred .....	\$2.00



Late Flat Dutch



CUT FLOWER DEPARTMENT

Our Cut Flower Department is one of the most complete and fully equipped of any firm in the country. Our large greenhouse plant consisting of fifty-five greenhouses supplies a complete variety of blooms of the most improved types and highest quality.

We have competent florists and designers in charge of the work and every care in packing is taken so that the flowers reach you in perfect condition, no matter what the distance.

Write, phone or telegraph you rorder. It will get our immediate attention and we will guarantee satisfaction. Day Phone 2670; Night Phone 2379-J.



A Vase of Our Roses

CUT FLOWERS

Prices Subject to Change Without Notice

	Per Doz.
Roses—Red, Pink, and Yellow.....	\$2.00, \$3.00, \$4.00, \$5.00
Carnations .....	\$1.00 and \$1.50
Violets—Per Bunch .....	25c and 50c
(Season November to April)	
Chrysanthemums—Choice Yellow, Pink and White.....	\$3.00, \$4.00, \$5.00, \$7.50
Pom-Pon Chrysanthemums .....	\$1.50 and \$2.00
(Season October to December)	
Tulips .....	\$1.50, \$2.00
(Season February to May)	
Narcissus .....	\$1.00, \$1.50
(Season February to April)	
Freesias .....	\$1.00, \$1.50
(Season November to February)	
Gladiolus .....	\$1.50, \$2.00, \$2.50, \$3.00
(Season May to October)	
Asters .....	\$1.00
(Season July to October)	
Peonies .....	\$1.50 to \$3.00
(Season June)	
Easter Lilies .....	\$5.00
(Season April to June)	
Calla Lilies .....	5.00
(Season October to May)	
Fern Leaves .....	.25
Maiden Hair Fern, per dozen sprays.....	.60
Asparagus Plumosus, per dozen sprays.....	.75
Asparagus Sprengeri, per dozen sprays.....	.75

On the above items postage 15c extra; by express 35c extra.

\$3.00  
Postpaid

OUR BOUNTIFUL BOX

\$3.00  
Postpaid

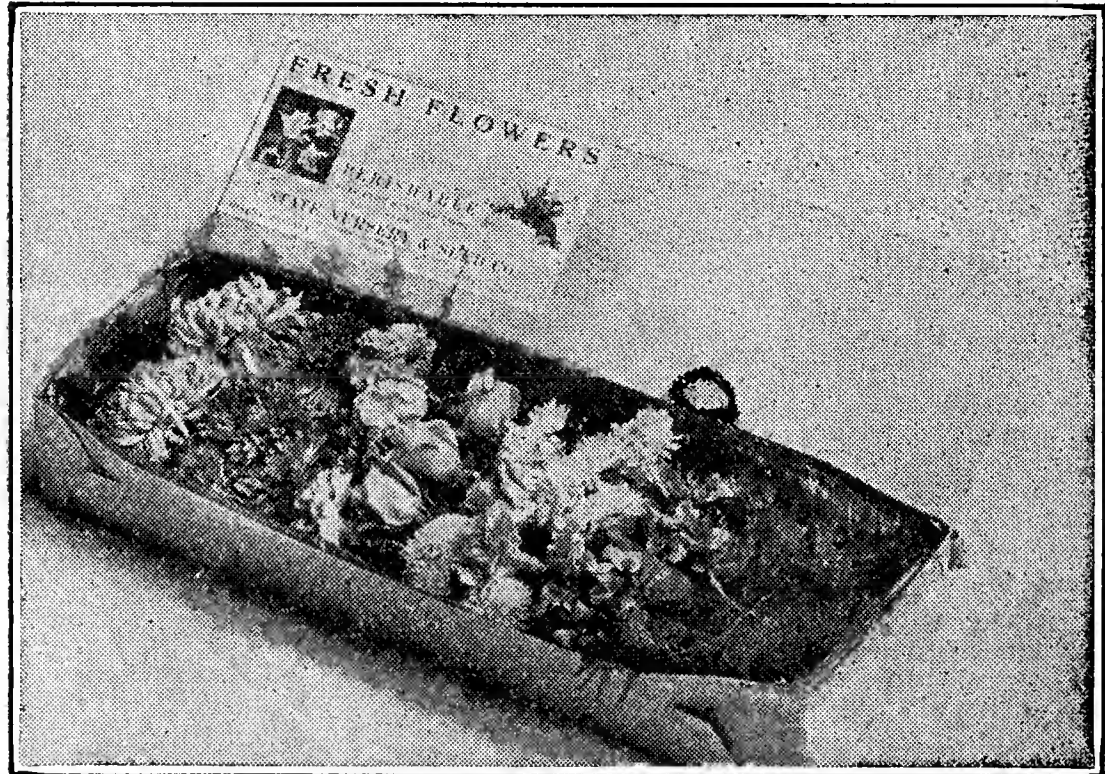
Contains a selected assortment of seasonal flowers arranged in gift form for any season of the year—A Very Popular Present

Just say on your order "Bountiful Box" and you will know that you will get more than your share of seasonable flowers

SPECIAL BOXES OF CUT FLOWERS

We take great pride in our Box Assortments of freshly cut flowers and in this particular specialty every box will be found to contain choice, seasonable flowers of the highest grade, all packed artistically and sent ANYWHERE EXPRESS PREPAID.

\$4.00, \$5.00, \$7.50 and \$10.00



One of Our Special Boxes of Cut Flowers







Shoulder Corsage

**Corsages**

Our Corsages are daintily arranged and we blend them to match any gown. They may be had in three styles, waist, wrist or shoulder. Prices, \$1.50 and up. We make a special Graduation Bouquet to match any gown at \$3.00 to \$5.00.

**Candles**

All Candles are Postpaid

We have a complete assortment in various colors so that we can carry out any color scheme.

Dinette Tapers—19-inch, any color—per box of 4.....85c

Yuletide—15-inch, 1¼-inch diameter, red only, each.....50c

We have a splendid line of baskets, jardinières, bowls, vases and candlesticks. Write us if in need of anything in this line and we shall be glad to quote you prices.

**Wedding Flowers**

At weddings, flowers always play a very important part. Having at all times a large production of flowers under glass a choice selection for wedding bouquets is always available.

Brides' bouquets are usually "showered," while those for bridesmaids have short ribbon decorations. When we furnish bridal bouquets our patrons may depend upon getting the same in styles dictated by the latest fashions. When ordering bouquets for bridesmaids it is well to make known the shades of the dresses these ladies are to wear.



A Vase of Chrysanthemums  
The Thanksgiving Flower

**Shower Bouquets**—Composed of Lily of the Valley, Bride Roses or other seasonable flowers. Price, \$7.50 and up.

**Bridesmaids' Bouquets**—In colors to correspond with the ladies' gowns. Price, \$5.00.

Prices naturally vary, depending upon the desire of the customer as to the content, arrangement, etc., of the bouquet.

A Postcard will bring any of our special folders which we issue at Christmas, Thanksgiving Day, St. Valentine's Day, Mothers' Day and Decoration Day.

**Floral Designs and Emblems—Funeral Flowers**

Flowers have the power of expression where human words and writing fail.

On short notice we can prepare any design or emblem desired. Our large extent of greenhouses gives us ample stock from which to choose, which with competent florists gives you an artistically arranged selection that cannot be excelled.

Funeral Sprays (all arranged with a good foundation of green) from \$2.00 and up.

Wreaths—\$5.00, \$7.50, \$10.00 and up

Pillows—\$7.50, \$10.00, \$15.00 and up

(Express Extra)



A Vase of Our Carnations

**Emblems of Fraternal Organizations**

We can make up any lodge emblem; also any for whatever occasion may arise. Prices range from \$5.00 to \$25.00. State the amount you wish to pay and we will guarantee you satisfaction on the finished product.

**Decorative Wreaths and Sprays**

For Cemetery Use

Very satisfactory, a large number being sold for this purpose at Christmas and Memorial Day. Made of prepared foliage and artificial flowers artistically arranged. Treated to be weatherproof.

Prices—\$3.00, \$4.00, \$5.00 and \$6.00 each.



One of Our Funeral Wreaths

**FLOWERS BY TELEGRAPH**

As members of the Florists' Telegraph Delivery Association, we can deliver flowers anywhere in the United States and Canada, and to many points in Europe, on short notice. There is no additional charge for this service, except the cost of the telegram. You can save the cost of a telegram, if there is time to write.

Remember

we are a

complete

Horticultural

Establishment

Let us know

your wants

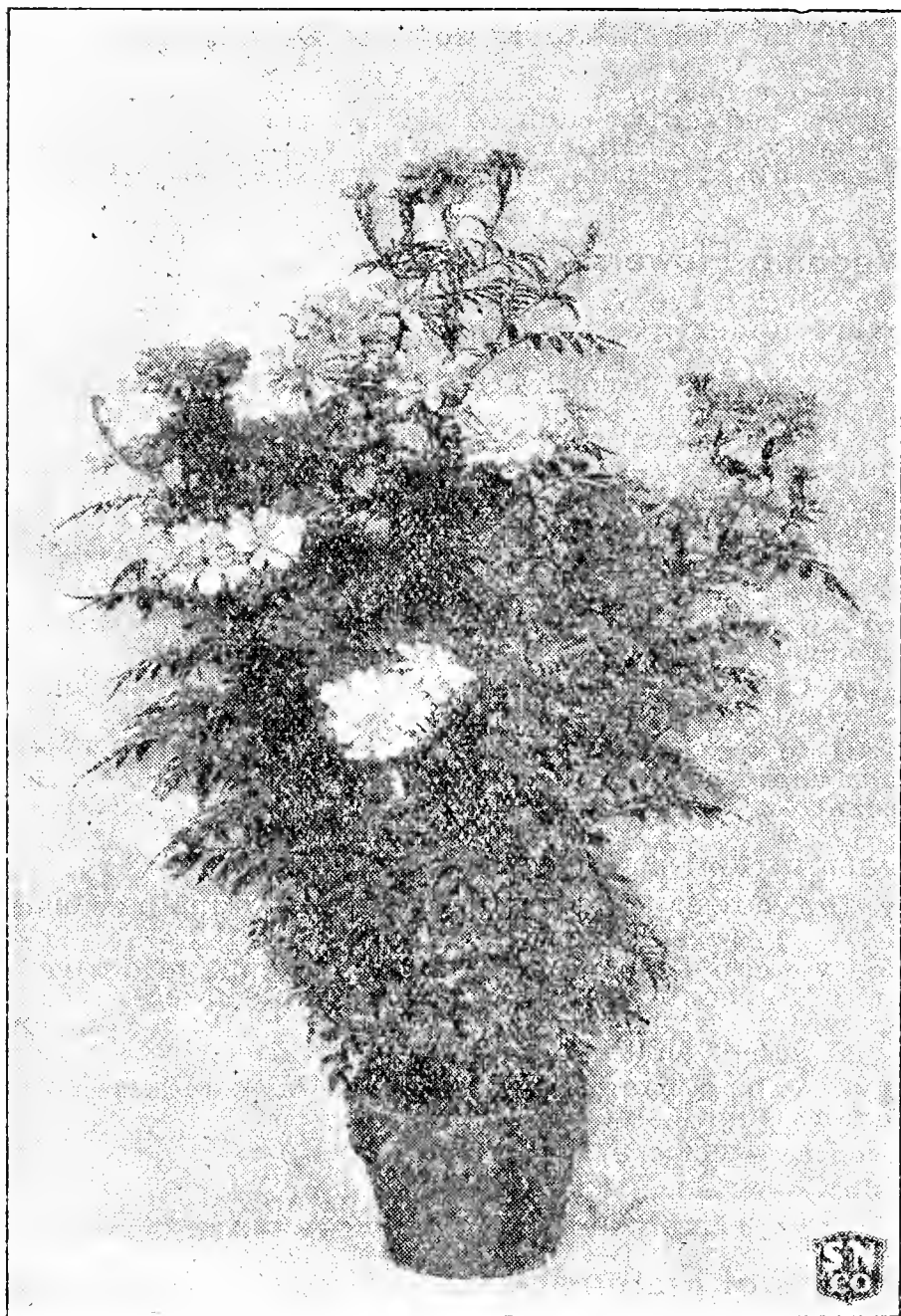


An Example of Floral Emblem (a Horseshoe)



## S. N. & S. Co's. New and Rare Flowers for 1933

We offer a wonderful list of beautiful new novelties. They will add new beauty, new colors to your 1933 garden. You will enjoy watching the development of some flowers you have never seen before. Select now the varieties you want and order promptly before the supply is exhausted.



Marigold—New Guinea Gold

### Gypsophila, Elegans Purpurea

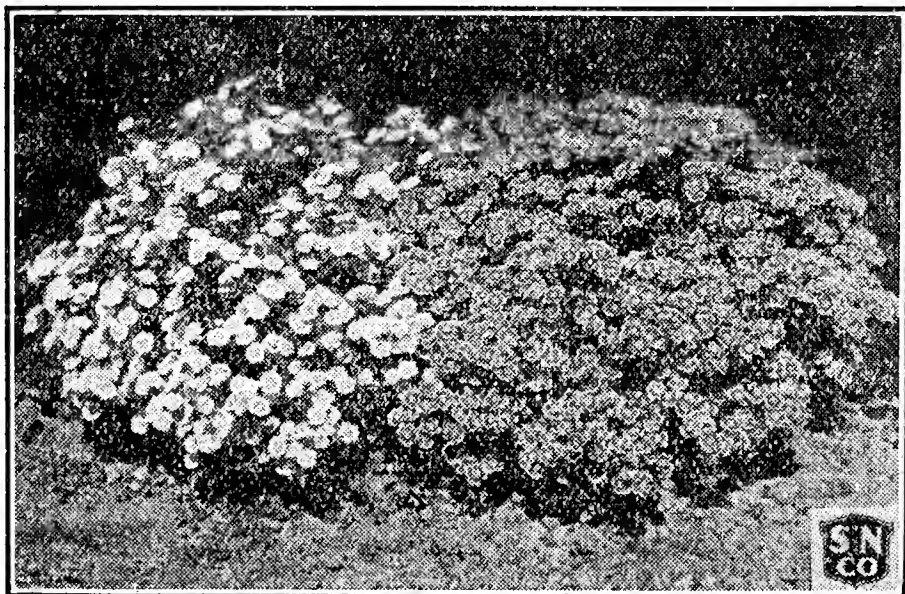
Very graceful, half tall compact and a very free flowering variety, growing about 14 to 15 inches tall. The flowers are reddish purple and very showy. Pkt., 25c.

### Sweet Wivelsfield

This new race of hardy plants is a cross between Dianthus Allwoodii and Sweet William, with large flowers and a wonderful range of colors. Few plants can compare with Sweet Wivelsfield for wealth of color and length of flowering period. An outstanding novelty of the easiest culture. Pkt., 25c. See page 31 for plants.

### Zinnia, Dahlia Flowered Luminosa

This is an entirely new shade in Zinnias. A charming shade of bright deep pink with a light suffusion of salmon. Pkt., 20c.



Sweet Wivelsfield

### Marigold, African All Double Orange

A new development in this popular annual. Will produce practically 100% double flowers. Very fine. Pkt., 15c.

### Marigold, Guinea Gold

A distinct type of Marigold of graceful pyramidal habit, producing 30 to 40 flowers 2 to 2½ inches across on a plant, of a brilliant shade of orange flushed with gold. Pkt., 25c.

### Eschscholtzia, California Poppy

(Salmon Beauty Double)

This variety is a beautiful double salmon introduced for the first time this year. It is a salmon both inside and out, very distinct, a wonderful rare variety. Pkt., 25c.

### Eschscholtzia, California Poppy

(Salmon Beauty Single)

Same as above except being single. A very beautiful color. Pkt., 15c.

### Venidium Fastuosum

A striking new variety from South Africa. The brilliant orange-like flowers are 3 inches across, with dark center and a reddish brown zone. Two feet tall and blooms over a long period. A hardy annual. Pkt., 25c.

### Pansy, Swiss Giants

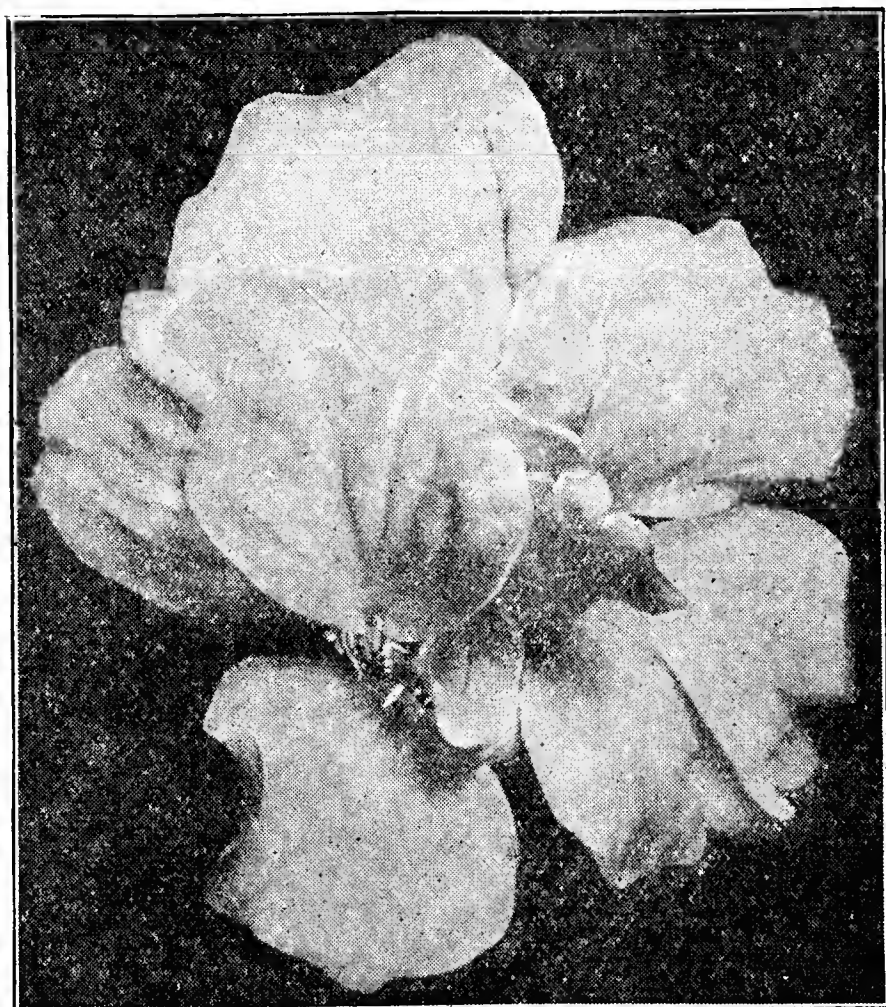
If you really want extraordinary Pansies by all means sow the new Swiss Giants. They are without exception the most gorgeous Pansies we have ever seen. Immense in size and of thick velvety texture, and the range of colors includes many of the deep red and brown shades. The Swiss Giants have now gained the reputation of the world's most brilliant and magnificent of all Pansies. Mixed.

Pkt., 35c; 1/16-oz., \$1.00; 1/8-oz., \$1.75; 1/4-oz., \$3.25; 1/2-oz., \$6.25.

### Nasturtium, Golden Gleam

A new double sweet scented Nasturtium. The large golden yellow flowers are borne on long erect stiff stems well above the foliage. The flowers are very attractive; a marvelous flower for garden display and cutting.

Pkt., 25c; 1/2-oz., 75c; oz., \$1.25.



Nasturtium—Dwarf—Golden Gleam

**SPECIAL OFFER**—1 pkt. each of the above 10 New Varieties (value \$2.35) for \$2.00 postpaid



# Our Peerless Tested Flower Seeds

We wish to again remind you that all our flower and vegetable seeds are tested and tried in our large seed testing grounds; a distinct protection and assurance of only the best and highest quality in seeds and a service which only the very largest of American seed houses offer. We invite you, our friends and customers, to visit our extensive seed testing grounds and see the thousands of varieties of flowers and vegetables being grown and tested to qualify for the high ideals which they must meet before they are ready for you as our **PEERLESS** Seeds.

## Abronia Umbellata or Sand Verbena

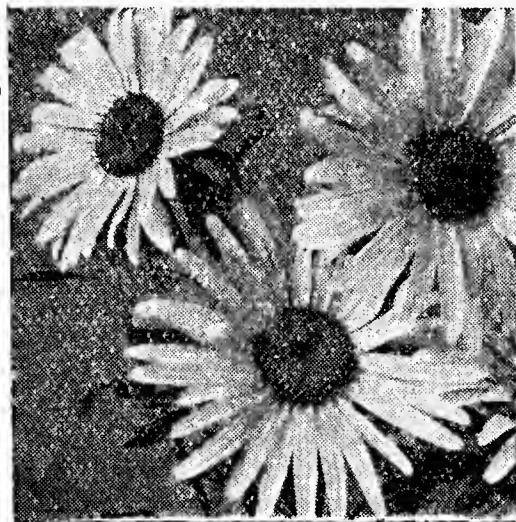
Very pretty trailing plants with numerous clusters of sweet-scented flowers. Is excellent for growing in baskets, rockeries or the open border. Rosy pink. Does well in light soil. Hardy annual. Pkt., 5c; 1/4-oz., 30c; 1/2-oz., 50c.

## Acrolinium or Everlasting Flower

A very pretty half-hardy annual, producing white and rose-colored double daisy-like flowers. These are known as "Immortelles" and are desirable for wreaths and winter bouquets. Double mixed. Pkt., 10c; 1/4-oz., 25c; 1/2-oz., 40c.

## Arctotis Grandis

**Blue-Eyed African Daisy**—The daisy-like flowers measure 2 1/2 inches across. They are silvery white with a sky-blue eye surrounded by a narrow yellow zone. The under part of the petal is lilac-blue. Borne on long stems. One of our most attractive annuals. Pkt., 10c; 1/4-oz., 30c; 1/2-oz., 50c; oz., 90c.



African Gold Daisy

## African Gold Daisy (Dimorphotheca Aurantiaca)

The single daisy-like flowers are 2 1/2 inches in diameter, and of a unique glossy terra cotta orange, which brilliant coloring is rendered the more conspicuous by the dark disc surrounded by a black zone. The plants grow from 8 to 12 inches high and are very profuse flowering, especially in dry situations. Hardy annual. Pkt., 10c; 1/4-oz., 35c; 1/2-oz., 60c; oz., \$1.00.

## Amaranthus Tricolor or Joseph's Coat

These plants afford brilliant contrast of colors, being useful for borders and groups; also, where foliage effects are desired. The leaves and stems are of different shades of red, blended with green. Half-hardy annual. Mixed. Pkt., 5c; 1/4-oz., 30c.

## Alyssum

A fragrant, free flowering hardy annual, bearing small flowers in great profusion. Useful for border or early bedding flowers. Succeeds anywhere.

**Sweet Alyssum**—A well-known, fragrant, low-growing, spreading variety. Pure white flowers. Pkt., 5c; 1/2-oz., 25c; oz., 40c.

**Carpet of Snow**—Pure white. Grows only 2 to 3 inches high and flowers profusely. Exceedingly useful for border and cemetery purposes. Pkt., 10c; 1/4-oz., 30c; oz., \$1.00.

**Lilac Queen**—Hardy annual. Deep lavender lilac. Pkt., 10c; 1/4-oz., 30c; 1/2-oz., 50c; oz., 85c.



Sweet Alyssum

**Little Gem**—Three to four inches high, pure white, fine for borders. Pkt., 10c; 1/4-oz., 25c; 1/2-oz., 40c; oz., 70c.

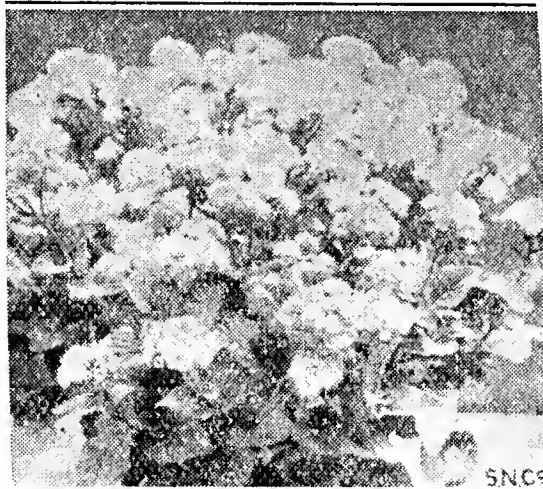
**Alyssum Saxatile Compacta**—or (Basket of Gold)—A hardy dwarf perennial, very useful for rock work, literally covering itself with yellow flowers. Blooms first season if sown early indoors. Pkt., 15c; 1/4-oz., 60c.

SEE PLANT FOODS—Last Pages

## Ageratum or Floss Flower

### Blue Perfection

A hardy annual of easy culture, especially valuable for bedding, as it is literally covered with blue blossoms all Summer. They make fine house plants in pots during Winter time. Pkt., 5c; 1/8-oz., 25c; 1/4-oz., 40c; 1/2-oz., 70c.



Ageratum—Blue Perfection

## Antirrhinum or Snapdragon

### S. N. & S. Co's. Tall Giant Flowering Varieties

Antirrhinums, in recent years, have become very popular; they are very satisfactory for borders, bedding, pot culture, for house decoration; 2 to 3 feet, bearing long spikes of large flowers.

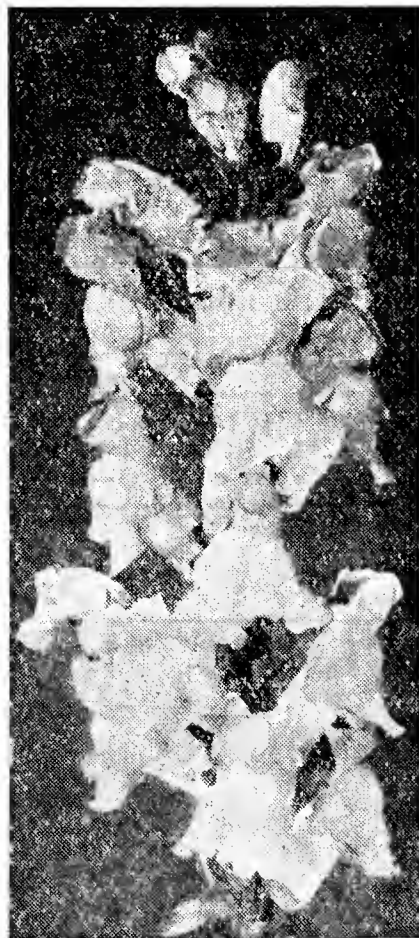
Giant Rose Pink ..... Pkt., 10c  
Giant Yellow ..... Pkt., 10c  
Giant White ..... Pkt., 10c  
Tall Giant Mixed, pkt., 10c; 1/16-oz., 35c; 1/8-oz., 60c; 1/4-oz., \$1.00.

## Antirrhinum

### S. N. & S. Co's. Half Dwarf Large Flowering Varieties

A splendid type growing about 18 inches high, especially valuable for bedding and cutting purposes.

Pkt.  
Daphne, Silver Pink...10c  
Defiance, Fiery  
Scarlet .....10c  
Firebrand, Scarlet,  
Yellow Lip .....10c  
Golden Queen, Rich  
Pure Yellow .....10c  
Purity, Pure White...10c  
Rose Queen, Rose  
Pink, Yellow Lip...10c  
Half Dwarf, Choice  
Mixed .....10c  
1/16-oz., 30c; 1/8-oz., 50c



Snapdragon

### Collection

**Snapdragons**  
One packet each of the above six named varieties—(value 60c.)

**POSTPAID FOR 50c**

**AQUILEGIA**—(See Columbine, Page 58)  
**ANGEL'S BREATH**—(See Gypsophila, Page 61)



ALL FLOWER SEEDS ARE POSTPAID



**Anchusa Italica—Dropmore Variety**

These hardy plants are very vigorous, the rough-leaved stems growing to a height of four feet. The flowers are a beautiful, clear, bright blue, and are freely produced all Summer, making a most striking plant in the hardy border. Pkt., 10c; 1/8-oz., 30c.

**Anchusa Capensis**

A new, showy compact type with indigo blue blossoms. Pkt., 15c; 1/8-oz., 20c; 1/4-oz., 30c; 1/2-oz., 50c.

**Asparagus Plumosus****Asparagus**

**Plumosus Nanus** — A graceful foliage plant with fern-like leaves. The foliage is finely divided and very useful for cutting. An excellent pot-plant. This is a most satisfactory house-plant. Pkt., 15c; 100 seeds, 75c.

**Sprengeri (Emerald Feather)** — This variety is well known and makes a magnificent pot-plant, with its long, drooping branches. Also grown extensively for cutting. Easy to grow and easy to keep. Pkt., 10c; 100 seeds, 50c.

**Asperula**

**Azurea—Blue**—Grown for its fragrant leaves and stems, when dried have a sweet odor, and are used for putting among clothes, etc. Pkt., 5c; 1/4-oz., 25c.

**Tinctoria—(Sweet Woodruff)**—An old-fashioned hardy perennial plant, greatly loved for its fragrance when dried, resembling the sweet odor of new-mown hay. Bears small white flowers. Eighteen inches. Pkt., 10c; 1/4-oz., 30c.

**ASTERS**

As a popular flower the Aster ranks with Sweet Peas, Pansies and Nasturtiums. No flower is more popular, and few have held a place in popular esteem for so many years. Hardy annual.

We might add we sow our Aster seeds outside about the 1st of May and we always have an abundance of blossoms. Asters so started give excellent results and are not so liable to disease.

**Aster****Queen of the Market**

Very desirable on account of earliness as well as profuse blooming. The plants are somewhat compact but of branching habit, bearing on long stems double flowers of medium size. Blooms in latter part of July.

Bright Pink.....Pkt., 10c	Lavender .....Pkt., 10c
Purple .....Pkt., 10c	Rose .....Pkt., 10c
Pure White .....Pkt., 10c	
Mixed .....Pkt., 10c; 1/8-oz., 30c; 1/4-oz., 50c	

**COLLECTION—Queen of the Market Asters**  
Five pkts., one each of the named varieties.  
(Value 50c)—**POSTPAID FOR 40c**

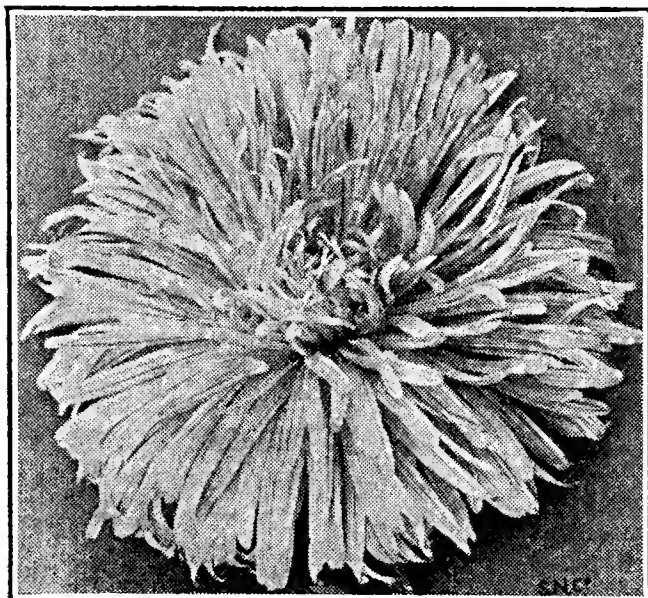
**King Asters (Needle Type)**

A magnificent class of Aster. The long narrow petals are folded lengthwise, appearing as if quilled. The flowers are of great size and bloom in August; 18 to 24 inches.

Crimson King...Pkt., 10c	Rose King.....Pkt., 10c
Lavender King...Pkt., 10c	White King.....Pkt., 10c
Pink King.....Pkt., 10c	Violet King.....Pkt., 10c

Any of the above named varieties .....1/8-oz., 35c; 1/4-oz., 55c  
King Asters, Mixed, pkt., 10c; 1/8-oz., 30c; 1/4-oz., 50c

**KING ASTER COLLECTION**  
Six above named varieties  
(Value 60c)—**POSTPAID FOR 50c**

**Aster—Extra Early Express****Early Wonder****or Extra Early Express**

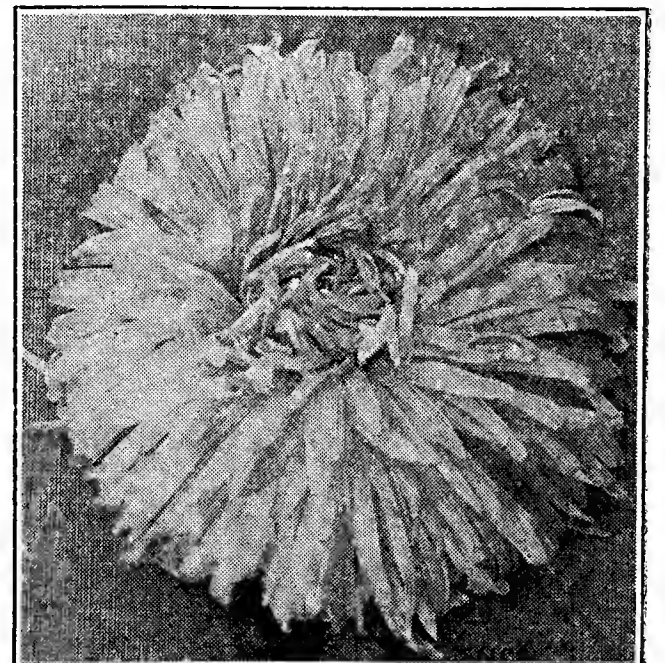
These are the earliest Asters in cultivation, flowering middle of July if seed is sown in March. The flowers are of good size, quite double, borne on long stiff stems.

White, Pink, Dark Blue,

Finest Mixed

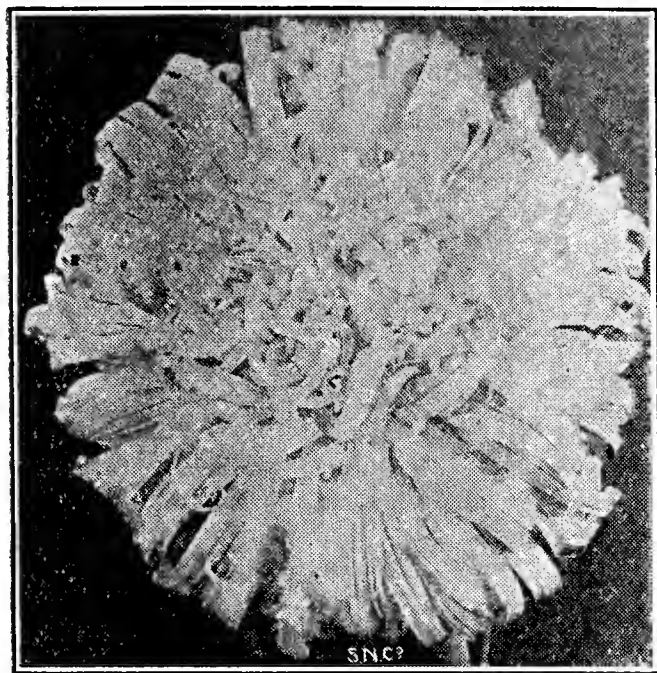
Any variety, pkt., 15c; 1/4-oz., 75c.

**Collection Early Wonder Asters**—One packet each above named varieties (value 45c) postpaid for .....**35c**

**Aster—California Giant**

**ASTERS—Finest Mixed.** All colors.....Pkt., 10c; 1/8-oz., 25c; 1/4-oz., 40c





Aster—Crego's Giant

Crego's Giant

One of the finest of the Aster family, producing immense flowers of a fluffy texture. The petals are attractively curved and twisted. They last long as cut flowers; 12 to 14 inches.

White  
Lavender  
Crimson  
Pink  
Any of above colors, pkt., 10c; 1/8-oz., 35c; 1/4-oz., 55c.  
Finest Mixed, pkt., 10c; 1/8-oz., 30c; 1/4-oz., 50c.

Collection Crego's  
Giant Asters  
One packet each of four above named colors (value 40c), postpaid for .....35c



Asters—Single Giants of California

Aster, Royal or Early Branching

One of the largest and most valuable of the branching type of Asters, blooming during mid-season following Queen of the Market. Flowers ball-shaped with broad incurved petals towards the center, borne on long stiff stems. Height two feet and branching freely near the ground.

**Royal Lavender**—The color is a clear bright shade of lavender. It is a flower of large size.

**Royal Pink**—The flowers are large and fully double. The color is a rich pure pink.

**Royal White**—It is a well-shaped, fully double flower, composed of thick, substantial petals.

**Royal Rose**—Flowers of a bright luminous rose color, borne on sturdy and strong plants.

**Royal Purple**—It is a handsome flower. Color is a deep shade of rich blue-purple.

Any of the above colors, pkt., 10c; 1/8-oz., 35c; 1/4-oz., 60c.

**Royal Asters, Mixed**—This mixture of Royal Asters includes the proper proportion of all the fine varieties listed above. It is a grand mixture. Pkt., 10c; 1/8-oz., 30c; 1/4-oz., 50c; 1/2-oz., 85c.

COLLECTION OF ROYAL ASTERS  
This collection contains one packet each: Royal Lavender, Royal Pink, and Royal White, mailed to any address, postpaid, for .....25c.

Three Wonderful Asters

ASTER—Heart of France

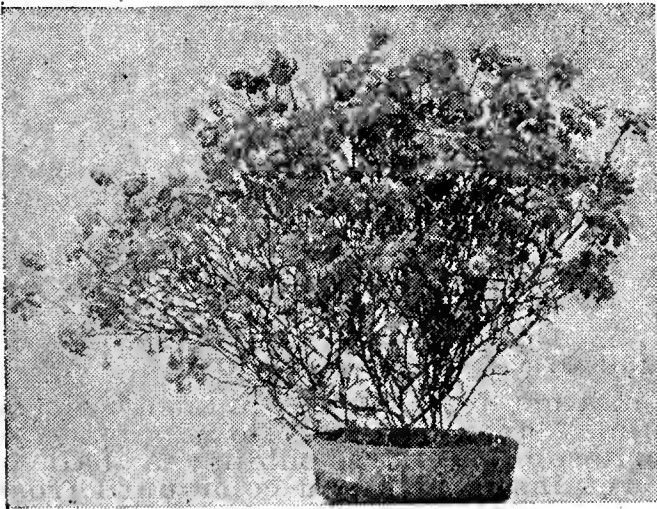
The best red Aster ever introduced. The petals are of a velvety texture and a warm-glowing color, and in any light is the same beautiful rich red. Pkt., 15c; 1/8-oz., 50c; 1/4-oz., 75c.

ASTER—Lavender Gem

One of the most beautiful Asters, with large, artistic, loosely-arranged flowers on long, wiry stems and of the most charming shade of lavender. Blooms from July to August. Pkt., 15c; 1/8-oz., 50c.

ASTER—Peerless Pink

This is the finest pink late-flowering Aster ever offered. The plants are free-branching and flowers are four inches across, forming an almost globular flower. Pkt., 10c; 1/8-oz., 35c; 1/4-oz., 55c.



Brachycome or Swan River Daisy

Asters, Single Giants of California

These new Asters are really wonderful. The flowers are large, single, measuring four inches across, with stems 18 to 24 inches tall. The blossoms resemble Shasta Daisies in appearance.

White—Rose—Light Blue—Purple.  
Any of the above colors, pkt., 15c; 1/8-oz., 40c; 1/4-oz., 70c; 1/2-oz., \$1.25.  
Mixed, pkt., 15c; 1/8-oz., 35c; 1/4-oz., 60c; 1/2-oz., \$1.00.

Collection of Single Giants of CALIFORNIA ASTERS  
This collection contains one packet each of the four showy colors (value 60c). Postpaid for 50c

Aster, Everlasting

**Everlasting Flesh**—This curious Aster resembles somewhat a large Helichrysum, or Strawflower; when cut and dried it retains its flesh color and its shape, as an everlasting flower for Winter decoration. Pkt., 15c; 1/8-oz., 30c; 1/4-oz., 50c.

ASTER—OR MICHAELMAS DAISY

Handsome daisy-like flowers of easy culture, blooming late when flowers are scarce. If seed is sown indoors very early and seedlings set in open they will bloom the first season. Do best in sunny location. Hardy perennial. Height 2 to 3 feet. Mixed, pkt., 15c; 1/8-oz., 50c.

Balloon Vine or Love in a Puff

A rapid-growing climber; thrives in light soil. One of the prettiest climbers with dainty white flowers. Annual. Six to eight feet. Pkt., 5c; 1/2-oz., 25c; oz., 40c.

Bartonia Aurea, Gold or Blazing Star

One of the brightest garden flowers. It produces its large golden blossoms all Summer in great abundance. 1 foot high. Hardy annual. Pkt., 5c; 1/8-oz., 20c; 1/4-oz., 35c.

Bachelor Button (Centaurea Cyanus)  
Cornflower or Blue Bottle

Of the easiest culture and thrives well in any ordinary garden soil. The plants require lots of sunshine, air and moisture. Blooms all Summer. Double—Pink, Blue, White.

Any of the above colors, pkt., 10c; 1/4-oz., 25c; 1/2-oz., 40c; oz., 70c.  
Double Mixed, pkt., 10c; 1/4-oz., 20c; 1/2-oz., 35c; oz., 60c.

Balsam or Lady's Slipper

An old and popular garden flower of easy culture; gorgeous masses of brilliant colored double flowers are produced in the greatest profusion; height 2 feet. Double Mixed. Pkt., 5c; 1/4-oz., 25c; 1/2-oz., 40c; oz., 75c.

Bean or Scarlet Runner

A favorite old-fashioned climber. Both ornamental and edible. It grows rapidly to a height of ten or twelve feet, and is covered with clusters of beautiful scarlet flowers. Annual. Pkt., 5c; 1/2-lb., 30c; lb., 50c; 2 lbs., 90c.

Brachycome or Swan River Daisy

A hardy annual, growing from 8 to 10 inches high, producing an abundance of blue and white flowers. Excellent for border. Pkt., 5c; 1/8-oz., 25c; 1/4-oz., 40c; 1/2-oz., 70c.





Calendula

## Didiscus Coerulea

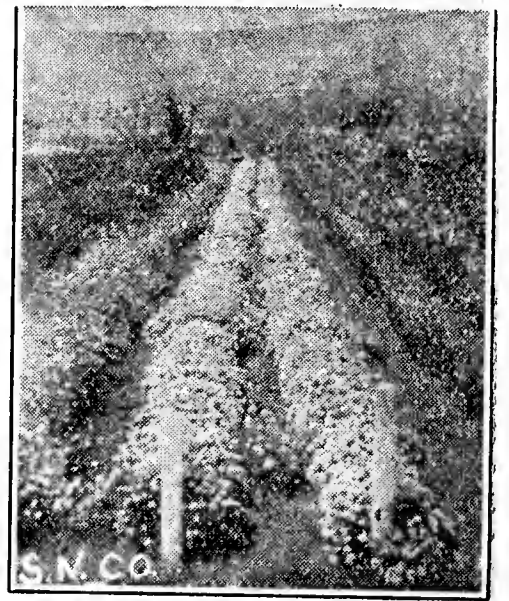
Blue Lace Flower or Queen Anne's  
Lace Flower

The broad lace-like heads are composed of many delicate light blue flowers. The name Queen Anne's Lace Flower is most appropriately applied to the flowers because of the graceful form of the blooms which resemble the most delicate lace. Easily grown and a splendid cut-flower. Bears a profusion of flowers from June until September. Of fine upright growth. Hardy annual. Pkt., 10c; 1/8-oz., 30c; 1/4-oz., 50c.

**BABY'S BREATH**—(See Gypsophila, Page 61)

**BELLIS**—(See Daisy, Page 58)

**BABY'S EYES**—(See Nemophila, Page 64)

Candytuft in Our  
Trial Grounds

## Calendula or Scotch Marigold

Showy and beautiful free-flowering annuals, doing well in any sunny position, blooming all Summer and excellent for cutting and massing.

**Radio**—The petals are attractively quilled. The color is a rich shade of clear orange. The flowers are of medium size, great depth, and double. Pkt., 15c; 1/4-oz., 65c; 1/2-oz., \$1.00.

**Meteor**—Large, double yellow, each petal striped with orange. Pkt., 10c; 1/2-oz., 25c; oz., 40c.

**Favorite**—This is indeed a favorite. The color is creamy white toward the base but the tips are beautifully shaded with rich mahogany-brown. Pkt., 10c; 1/2-oz., 25c; oz., 40c.

**Lemon Queen**—Pkt., 10c; 1/2-oz., 25c; oz., 40c.

**Orange King**—Very large, double, glistening orange flowers, borne abundantly throughout the season. Pkt., 10c; 1/2-oz., 35c; oz., 55c.

**Calendula**—All colors mixed. Pkt., 5c; 1/2-oz., 20c; oz., 35c.

## CALENDULA COLLECTION

One packet each: Orange King, Meteor, Lemon Queen. Easily grown, lovely as cut flowers; (value 30c).

POSTPAID FOR 25c

## Cacalia, Tassel Flower or Flora's Paint Brush

A neat annual of easy culture with tassel-shaped flowers; blooms from June to September; fine for borders. Golden yellow and scarlet mixed. Two feet. Pkt., 5c; 1/4-oz., 30c.

Calliopsis  
Golden Wave

## Calliopsis or Golden Wave

A half-hardy annual of quick growth, doing well in almost any location, and blooming throughout the season. It is exceedingly showy and of easiest culture; are fine for cut-flowers. Sow the seed early in the Spring. Sown as late as July 1, the plants will bloom freely during the fall until frost.

Mixed, pkt., 5c; 1/4-oz., 25c.

For CALLIOPSIS (Perennial)  
See Coreopsis, Page 58

## Canary Bird Vine or Tropaeolum

A beautiful climber with curiously yellow shaped blossoms. Will blossom freely from July until killed by frost. Tender annual. Height eight to ten feet. Pkt., 5c; 1/2-oz., 25c; oz., 40c.

## Castor Oil Bean or Ricinus

The different varieties included in our mixture have light and dark green leaves and some of coppery bronze, changing to dark green with reddish ribs. Six to eight feet. Annual. Mixed, pkt., 5c; oz., 25c; 1/4-lb., 75c.

## Catchfly or Silene

From July until frost the plants are covered with masses of flowers in shades of salmon, rose, carmine, and also white. An easily grown and extremely showy bedding and border plant. 12-18 inches. Pkt., 5c; 1/4-oz., 25c; 1/2-oz., 40c.

## Candytuft or Iberis Umbellata

A fine hardy annual. Plants bear neat clusters of flowers. A most attractive border and cut-flower, blooming profusely in cool weather. Height 12 inches.

**Pink** ..... 1/4-oz., 25c; 1/2-oz., 40c; pkt., 10c  
**White** ..... 1/4-oz., 25c; 1/2-oz., 40c; pkt., 10c  
**Crimson** ..... 1/4-oz., 25c; 1/2-oz., 40c; pkt., 10c  
**Lavender** ..... 1/4-oz., 25c; 1/2-oz., 40c; pkt., 10c  
**Fine Mixed**, pkt., 5c; 1/4-oz., 20c; 1/2-oz., 35c; oz., 60c.

**Candytuft Sempervirens** — Perennial — A favorite perennial bearing heavy trusses of white flowers, adapted for edging or rock-work. The plants commence to bloom early. Pkt., 15c; 1/8-oz., 50c; 1/4-oz., 85c.

## Canterbury Bells

**Campanula Medium**—Showy hardy biennial with large bell-shaped flowers, of rich color and profuse bloomer; colors: white and various shades of violet, rose, lilac and blue. Height two to four feet. **Single Mixed**. Pkt., 10c; 1/8-oz., 25c.

**Calycanthema**—The new Cup and Saucer variety. This is unquestionably the finest variety of this much prized garden plant. They differ from the older type. They produce beautiful large single flowers resembling a cup and saucer. Perennial two feet mixed. Pkt., 15c; 1/8-oz., 40c.

## Carnation

**Marguerite**—They begin flowering in July if sown early in the Spring, producing an abundance of large double, beautifully fringed fragrant flowers of wonderful colors. Half hardy perennial 18 inches.

**Red** ..... Pkt., 10c      **Yellow** ..... Pkt., 10c  
**White** ..... Pkt., 10c      **Mix.**, pk., 10c; 1/8-oz., 30c

**Giant or Malmaison**—This type is noted for its wonderful range of colors, and its free-blooming qualities. Fully 70 per cent of the seedlings generally produce double flowers of large size. Half-hardy perennial. Extra fine double mixed. Pkt., 15c; 1/8-oz., 50c.

## Celosia or Cockscomb

Splendid annuals for either pot culture or for the border. Well-grown blooms often measure 12 to 14 inches.

**Empress**—Rich crimson combs of mammoth proportions. Very attractive. Pkt., 10c; 1/8-oz., 30c.

**Aurea—Dwarf**—Golden yellow. Pkt., 10c; 1/8-oz., 25c.

**Dwarf**—Finest mixed. Pkt., 10c; 1/8-oz., 25c; 1/4-oz., 40c.

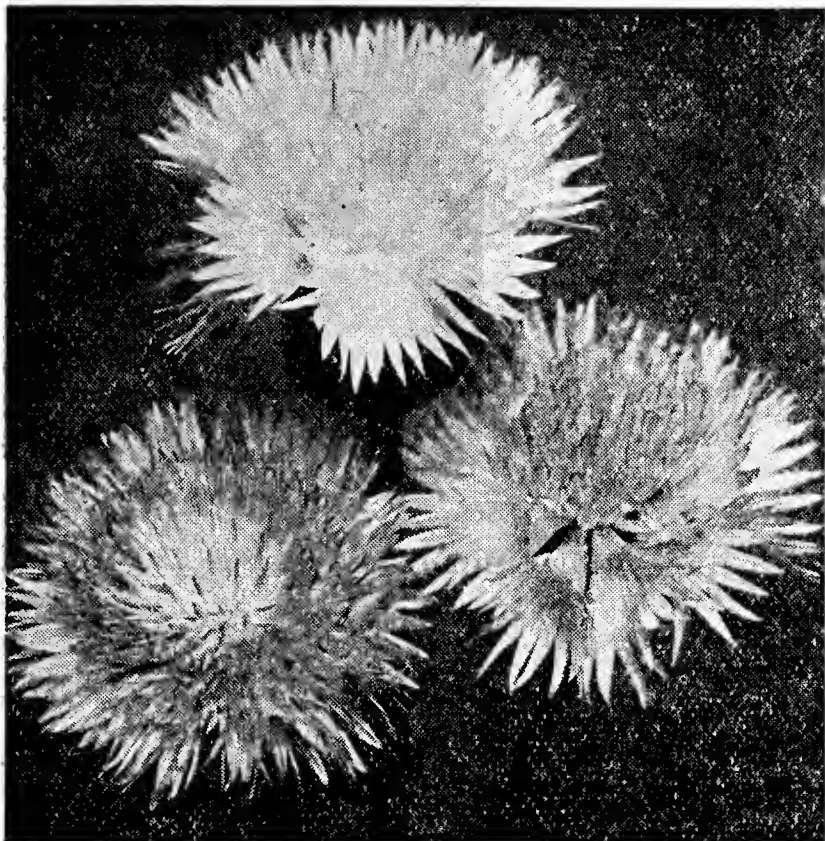
**Plumosa** — (Feathered Cockscomb) — A splendid strain of the tall-growing plumed Cockscomb forming huge plumes.

**C. Thompsoni Magnifica** — Mixed. Pkt., 10c; 1/8-oz., 25c.

## Childsii or Chinese Woolflower

**C. Childsii**—A distinct form of the plumed Celosia. Average height 2 feet, bearing flower heads of a purplish-crimson color resembling a ball of wool. Plant retains beauty and color until frost. Pkt., 10c; 1/8-oz., 35c; 1/4-oz., 60c; 1/2-oz., \$1.10.





Centaurea

**Centaurea Imperialis or Royal Sweet Sultan**

This beautiful class is undoubtedly the finest of all Sweet Sultans. The charming scented flowers bloom in July and continue until frost. Excellent for cut flowers. Annual. We offer the following distinct colors:

- White, Lilac, Yellow, Rose, Deep Lavender.
- Any of the above colors, pkt., 10c; ¼-oz., 30c; ½-oz., 50c.
- Finest Mixed**—Pkt., 10c; ¼-oz., 25c; ½-oz., 40c; oz., 75c.
- Ruthenica**—Perennial with sulphur-yellow blooms. Pkt., 10c; ⅛-oz., 35c.

**Chrysanthemum**

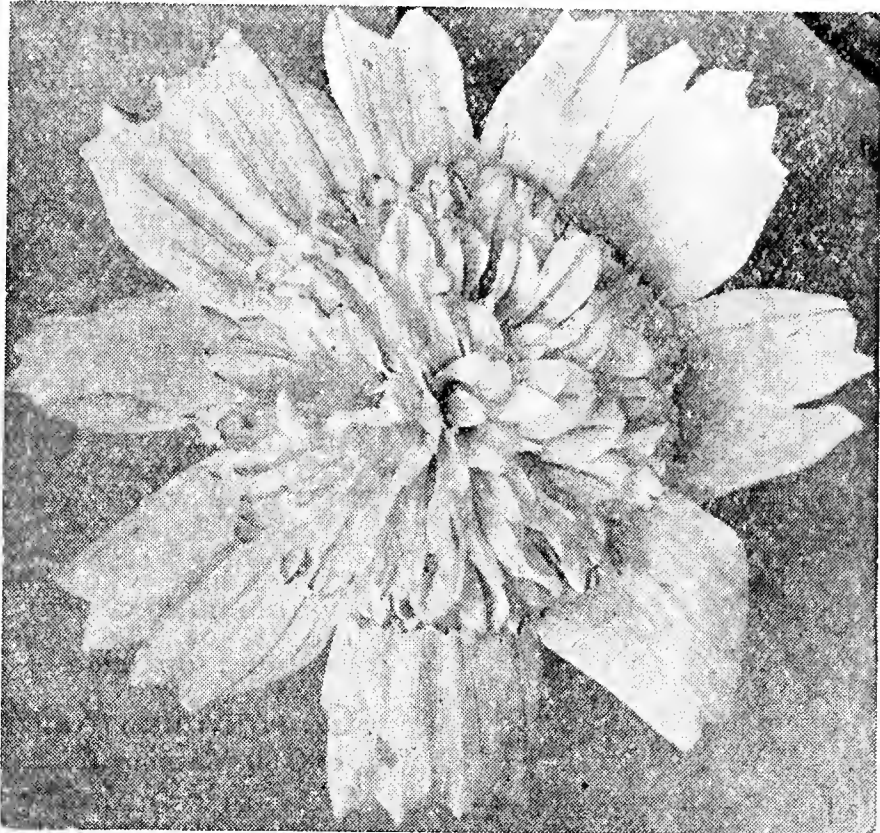
**FRENCH MARGUERITES OR PAINTED DAISIES**  
Annual Varieties

These early blooming annual garden varieties of outdoor Summer Chrysanthemum are entirely different from the large flowered varieties grown by florists. Very showy and effective for bedding or borders and cut-flowers. Plants produce single daisy-like flowers of many bright colorings.

- Eastern Star**—Golden yellow with a purplish scarlet ring on the center of the petals, the disc a dark brown. Pkt., 10c; ¼-oz., 30c.
- Northern Star**—Very large daisy-like flowers, with pure white fringed petals with canary-yellow around a dark brown eye. Pkt., 10c; ¼-oz., 35c.
- Tricolor**—Single mixed. Pkt., 5c; ¼-oz., 25c; ½-oz., 40c.
- Coronarium, Double Mixed**—A very fine variety including a wide range of colors such as white, rose, sulphur and golden yellow, orange, red, and maroon; 18 inch. Pkt., 10c; ¼-oz., 25c; ½-oz., 40c.



Chrysanthemum—Single



Cosmos—Early Double Crested

**Cosmos**

This new type of Cosmos is exceedingly pretty. The flowers are of good size, with full double centers and an outer row of broad ray petals. The plants are vigorous, and are covered with blooms, and the dainty colors are most attractive for either garden or table decoration. Cosmos likes full sunshine for successful growth.

- Double Crested**—Pink Beauty..... ¼-oz., 75c; pkt., 15c
- Double Crested**—White Queen.... ¼-oz., 75c; pkt., 15c
- Double Crested**—Mixed ..... ¼-oz., 65c; pkt., 15c

**Early Flowering Single**

The flowers of this excellent strain are large and beautiful. When the plants are about a foot high, the top should be pinched out to induce a bushy growth. They prefer a light, dry, sandy or poor soil. Do not water very often. Cosmos should have a sunny situation.

- Early Flowering**—Pink ..... ¼-oz., 30c; pkt., 10c
- Early Flowering**—Crimson ..... ¼-oz., 30c; pkt., 10c
- Early Flowering**—Pure White.... ¼-oz., 30c; pkt., 10c
- Early Flowering Mixed**—Pkt., 10c; ¼-oz., 25c; ½-oz., 40c; oz., 70c.

**Cobea Scandens or Cup and Saucer Vine**

A half-hardy climbing annual with large leaves and large trumpet-shaped flowers; the blossom is green until nearly grown, when it turns bright purplish blue—grows about 20 feet high and is very desirable for covering a large lattice. A native of Mexico. Pkt., 10c; ¼-oz., 30c.

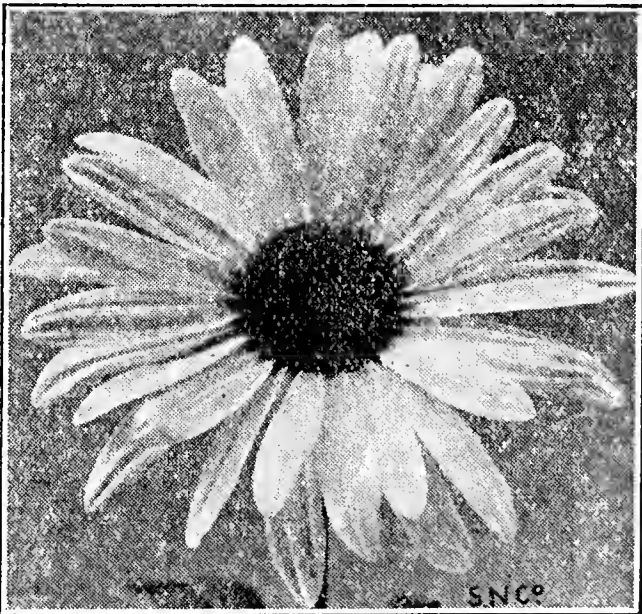
**CHEIRANTHUS ALLIONI**—See  
Wallflower, Siberian

**Chrysanthemum**

**PERENNIAL VARIETIES**

These are the perennial Chrysanthemums of easy culture in most any location.

- Maximum — King Edward VII (Moonpenny Daisy)**—Considered the finest of all singles, with flowers of extraordinary size of purest white, perfect form, very free flowering and borne on long stiff stalks. Pkt., 10c; ¼-oz., 50c.
- Leucanthemum — Shasta Daisy—(Alaska)**—Very attractive, large white flowers 5 inches in diameter, with broad petals and long strong stems. Pkt., 15c; ⅛-oz., 50c; ¼-oz., 85c.



Shasta Daisy

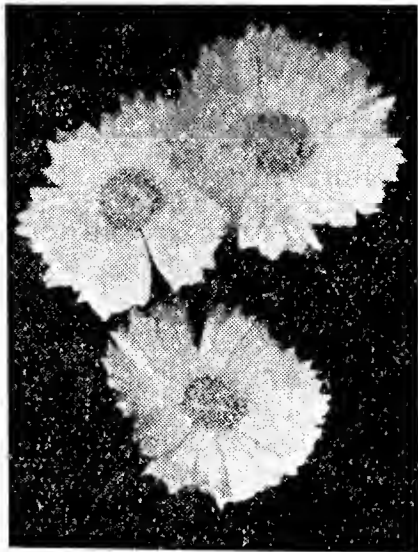




**Clarkia**  
Beautiful hardy annual with rose-colored, white and purple flowers, in delicate brilliant shades, is a popular garden and cut-flower plant. It thrives equally well in partial shade or sun; 2 to 2½ feet; profuse bloomers. The blooms are abundant, in small leafy racemes. Sow in light, warm soil, as early in the Spring as ground can be worked. Double mixed. Pkt., 10c; ¼-oz., 30c; ½-oz., 50c; oz., 90c.

**Convolvulus Major or Tall Morning Glory**  
A hardy climbing annual growing about 10 feet high. Fully expanded in the mornings. Of easy culture, quick growth and valuable in every garden.

- |   |                                 |
|---|---------------------------------|
| Rose .....                                  | Pkt., 10c; ½-oz., 25c; oz., 40c |
| White .....                                 | Pkt., 10c; ½-oz., 25c; oz., 40c |
| Striped .....                               | Pkt., 10c; ½-oz., 25c; oz., 40c |
| Crimson .....                               | Pkt., 10c; ½-oz., 25c; oz., 40c |
| Purple .....                                | Pkt., 10c; ½-oz., 25c; oz., 40c |
| Blue .....                                  | Pkt., 10c; ½-oz., 25c; oz., 40c |
| 1 pkt. each of the above six varieties..... | 50c                             |
| Tall Mixed.....                             | Pkt., 5c; ½-oz., 20c; oz., 30c  |

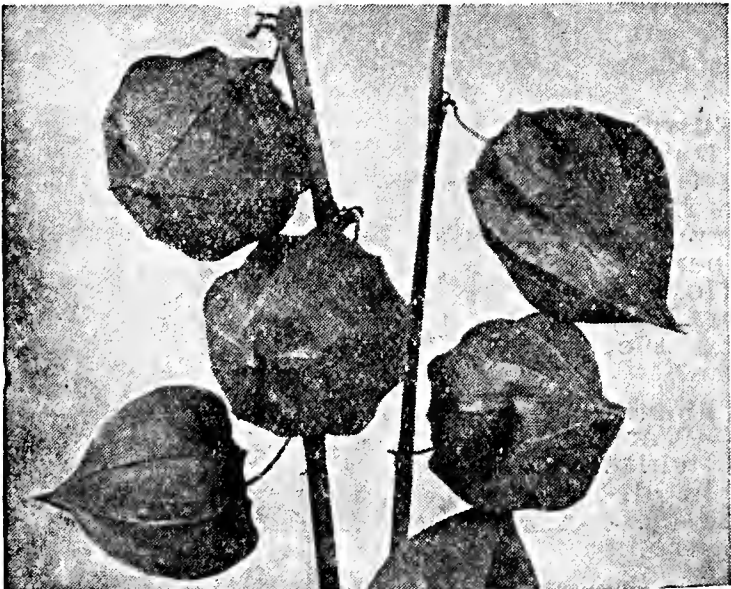


Coreopsis

**Coreopsis Lanceolata**

A hardy perennial, blooming the first year and producing on long stems a succession of rich bright yellow flowers. Seed may also be sown in Fall outdoors. About two feet. Pkt., 10c; ¼-oz., 35c; ½-oz., 60c.

**Chinese Lantern Plant or Physalis Franchetti**  
The Chinese Lantern Plant is grown for its showy scarlet-red seed-pods which are easily dried for Winter bouquets. The plants are perfectly hardy. The flowers are white. Perennial. Pkt., 15c; ⅛-oz., 30c; ¼-oz., 50c; ½-oz., 80c.



Chinese Lantern Plant

**Convolvulus Minor or Dwarf Morning Glory**  
A very early flowering annual with brilliant flowers. Of very easy culture. **Finest Dwarf Mixed** — Pkt., 5c; ½-oz., 15c; oz., 25c.  
**CONVOLVULUS—JAP MORNING GLORY**  
(See Ipomea, Page 62)

**StimUplant**  
Makes a  
Wonder Garden

**Columbine**  
**Aquilegia**  
Of easy culture and will furnish for many years a magnificent display of handsome flowers. Hardy perennial.

**Chysantha** — (Golden Spurred) — Golden yellow. Pkt., 10c; ⅛-oz., 40c.

**Coerulea** — (Rocky Mountain Blue Columbine—Violet blue and white. Pkt., 15c; ⅛-oz., 50c.

**Double Mixed**—Pkt., 10c; ¼-oz., 35c.

**LONG SPURRED COLUMBINE**

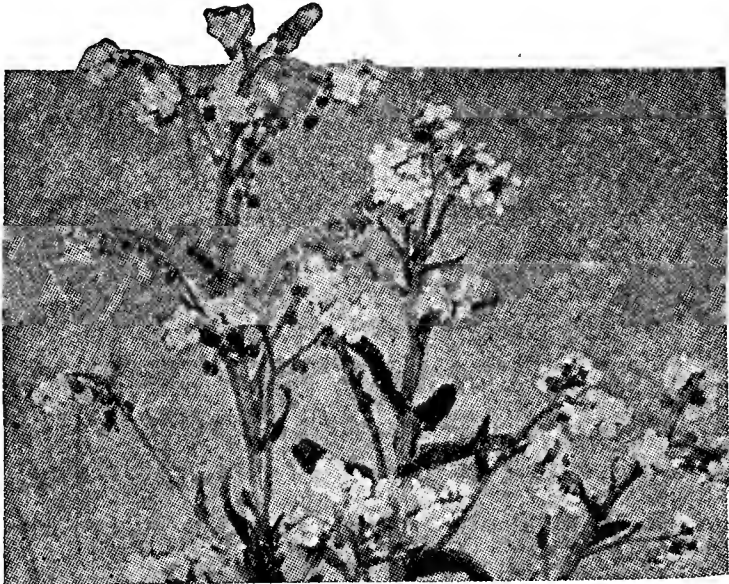
While all the varieties of Columbine are beautiful, this strain of long-spurred is unquestionably the finest yet produced. The plants are strong, with flowers of largest size.

**Pink Shades**—A lovely strain with large flowers. Pkt., 20c; 1/16-oz., 50c; ⅛-oz., 75c.

**Long-Spurred Hybrids**—Fine long-spurred flowers in shades and combinations of pink, red, blue, and yellow. They make excellent cut-flowers. Mixed colors. Pkt., 15c; ⅛-oz., 50c; ¼-oz., 85c.

**Cypress Vine or Ipomea Quamoclit**

A hardy, rapid-climbing annual, with feathery foliage, bearing bright scarlet and white flowers very profusely. Mixed. Pkt., 5c; ½-oz., 25c; oz., 45c.



**Cynoglossum or Chinese Forget-Me-Not**

Lovely rich blue. It thrives in a dry sunny location. Will bloom continuously all Summer. Grows 20 inches tall. Sow the seed during May. Hardy annual. Pkt., 15c; ⅛-oz., 25c; ¼-oz., 40c.

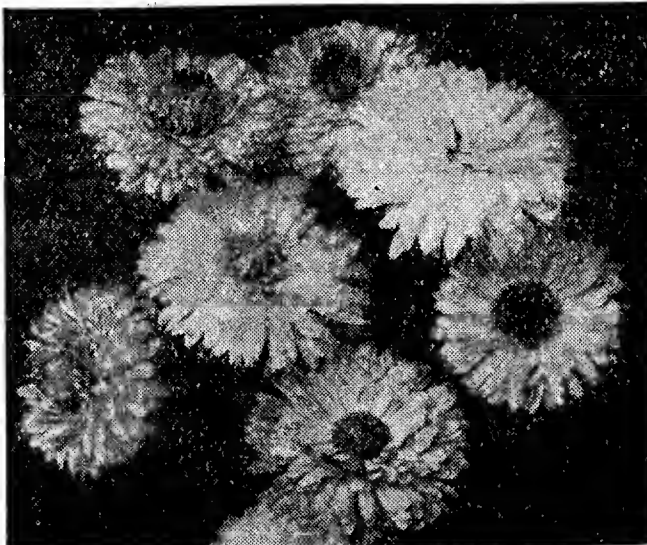
**Daisy or Bellis, English Daisy**

Low-growing, early Spring flowering. Desirable for edging or borders. Daisies are indispensable for shady places and are easily raised from seed. A hardy perennial.

**Double Mixed**—Pkt., 10c; ⅛-oz., 40c.

**Giant or Monstrous**—A new strain of Double Daisy with flowers fully twice the size of the ordinary sorts. Colors white or rose. Pkt., 15c; ⅛-oz., 50c.

**DAISY—Shasta**—(See Chrysanthemum, Page 57)



English Daisy



Dahlia

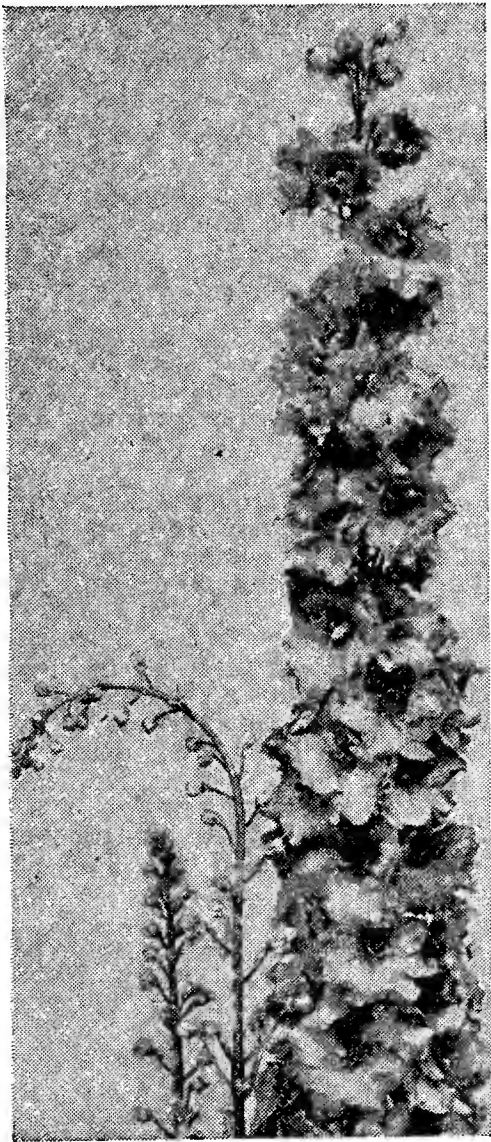
Dahlias can be raised from seed and will bloom the first year. Sow the seed in a shallow box early in March or April. When danger of frost is over, plant them in the bed or border in the garden. Seed may also be sown out of doors in May.

**Double**—Choice mixed colors. Flowers of excellent form. Mixed. Pkt., 15c; 1/16-oz., 35c; 1/8-oz., 60c.

**Single**—Seed saved from the choicest varieties. Mixed. Pkt., 10c; 1/16-oz., 25c; 1/8-oz., 40c.

New Dahlia, Coltness Hybrids

A new class of single Dahlias. They are of neat, compact habit, averaging only about 18 inches high, and bearing a succession of bloom from July until frost. The flowers have flat or slightly fluted petals about 3 inches in diameter. Their colors embrace light and dark scarlet, crimson, blood-red, yellow, white, purple, mauve, and brick-red; bizarre combinations. Excellent as a bedding plant and for the rock garden. Mixed. Pkt., 15c; 1/16-oz., 40c; 1/8-oz., 70c.



Delphinium—Perennial Larkspur

Delphinium

Perennial or Hardy Larkspur

These are of the most handsome and useful hardy plants. Excellent for cut-flowers and borders, producing large, long spikes of beautiful flowers of varying shades of blue. If seed is sown early in the Spring some will blossom the first year.

**Formosum** — Dark Blue—This is the old favorite dark blue Larkspur, and one of the best. Four feet. Pkt., 20c; 1/16-oz., 40c; 1/8-oz., 70c.

**Belladonna**—Light Blue—A very free and continuous bloomer, with flowers of a turquoise blue. Four feet. Pkt., 20c; 1/16-oz., 40c; 1/8-oz., 70c.

**Delphinium**—Finest Mixed—In a great variety of charming colors. Pkt., 15c; 1/16-oz., 25c; 1/8-oz., 40c; 1/4-oz., 65c.

FOR ANNUAL VARIETIES SEE LARKSPUR (Page 62)

DIDISCUS—(See Blue Lace Flower, Page 56)

Dolichos or Hyacinth Bean

**Daylight**—This is a white, well known Hyacinth bean, and of most rapid growth and very free blooming. Height ten feet. Annual. Pkt., 10c; 1/2-oz., 20c; oz., 35c.

**Scarlet**—A scarlet type of the same rapid growth as the preceding variety and very free flowering. Annual. Pkt., 10c; 1/2-oz., 40c; oz., 70c.

Euphorbia or Snow-on-the-Mountain

The crown of each plant produces small flowers beautifully set off by the top-leaves which are marked with broad white bands on a rich green ground. Grown 2 feet tall and is fine for beds and borders. The plants grow best without transplanting. Pkt., 10c; 1/4-oz., 25c; 1/2-oz., 40c; oz., 70c.

EVENING PRIMROSE—(See Oenothera, Page 64)

EVENING SCENTED STOCK—(See Matthiola Bicornis, Page 63)

ECHINO CYSTIS LOBATA—(See Wild Cucumber)

Four O'Clock or Marvel of Peru

These flowers are funnel-shaped. Red, white, yellow or striped with these colors and open about four o'clock in the afternoon, remain open all night and generally close about noon next day. New flowers are produced daily. Sow seed in open ground. Hardy annual; two feet high. Mixed. Pkt., 5c; oz., 25c.

Dianthus or Pinks



Dianthus or Pinks Single

One of the most popular flowers in cultivation, producing a wonderful variety of bloom in most brilliant colors, and are profuse bloomers. In a very short time they will be a mass of blossom. The double types are almost as useful as Carnations for cut-flowers, and all will succeed in any kind of good soil. Give a sunny location.

SINGLE ANNUAL VARIETIES

**Crimson Bell**—Rich velvety crimson. Pkt., 10c; 1/4-oz., 45c.

**Eastern Queen**—Beautifully marked with rose and mauve. Pkt., 10c; 1/4-oz., 45c.

**Heddewigii**—(Single Japan Pink)—Flowers of the most wonderful coloring, beautifully marked. Mixed. Pkt., 5c; 1/4-oz., 25c; 1/2-oz., 40c; oz., 70c.

DOUBLE ANNUAL VARIETY

**Heddewigii Fl. Pl.**—(Double Japan Pink)—Very large double flowers of brilliant colors. Mixed. Pkt., 10c; 1/4-oz., 35c; 1/2-oz., 60c; oz., \$1.00.

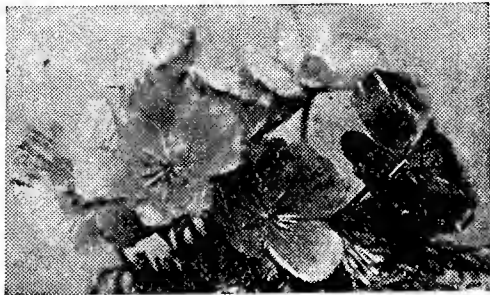
**Chinensis Fl. Pl.**—(Chinese or India Pink)—Blooms in clusters, with a brilliant assortment of colors. Pkt., 10c; 1/4-oz., 35c.

HARDY GARDEN PINK

**Plumarius**—(Hardy Perennial Pink, Grass Pink, Scotch Pink, Clove Pink or Pheasant's Eye)—A single hardy perennial pink with fringed edge, light colored flowers with a darker center variously colored. The old-fashioned garden favorite. Pkt., 10c; 1/8-oz., 30c; 1/4-oz., 50c.

Eschscholtzia California Poppy

A very attractive, profuse blooming hardy annual, for beds, edging or masses. Blooms from early Summer until frost. Height one foot. Should be grown in every garden.



California Poppy

White ..... Pkt., 10c; 1/4-oz., 30c  
Rose Queen ..... Pkt., 10c; 1/4-oz., 30c  
Crimson King ..... Pkt., 10c; 1/4-oz., 30c

**Aurantiaca (True California Poppy)**—Rich golden orange; flowers very large. Pkt., 10c; 1/4-oz., 30c; 1/2-oz., 50c.

**Fine Mixed**—Contains white, yellow, and orange shades. Pkt., 5c; 1/2-oz., 15c; oz., 25c.

**Peerless Mixed**—A wonderful mixture of all the above and many other fine varieties of California Poppies. Grown as a border or as solid beds they bloom all during the Summer and Fall. Pkt., 10c; 1/4-oz., 20c; 1/2-oz., 30c; oz., 50c.

California Poppy Novelties

**Tango**—Bronze-red overlaid terra-cotta, a popular shade with the ladies.

**Mauve Beauty**—A delicate new color, previously unknown; a beautiful shade of pure mauve.

**Purple Glow**—A bright reddish purple, and is the darkest shade obtained so far.

**Lovely**—A lovely tone of bright rose pink suffused with salmon; the blooms have a satiny appearance, which adds very much to the effect.

**Scarlet Beauty**—A deep scarlet, it has the appearance when in bloom of a vivid scarlet Tulip.

Any of the above five—Pkt., 15c; 1/4-oz., 35c; 1/2-oz., 60c.

COLLECTION OF CALIFORNIA POPPIES

One packet each: Tango, Mauve Beauty, Purple Glow, Lovely, Scarlet Beauty. (Value 75c)

POSTPAID FOR 60c

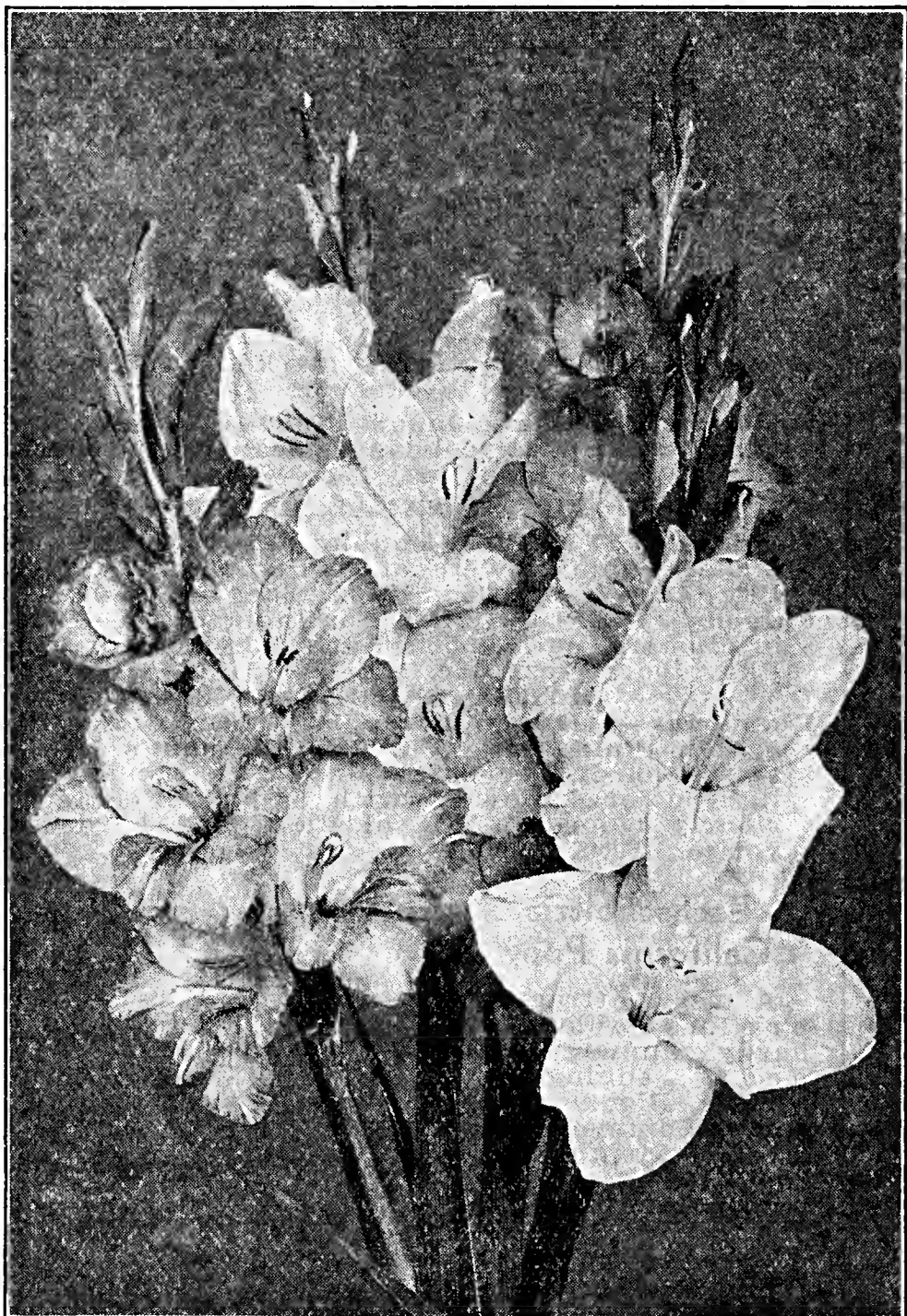
FORGET-ME-NOT—(See Myosotis, Page 62)  
FORGET-ME-NOT—Chinese—(See Cynoglossum)  
CALIFORNIA POPPY—(See Novelties, Page 54)  
FEVERFEW—(See Matricaria, Page 63)  
BUSH ESCHSCHOLTZIA—(See Hunnemannia, Page 61)



# S. N. & S. CO'S. PEERLESS GLADIOLUS BULBS

No other Summer flowering Bulb is enjoying such great popularity as the Gladiolus. Their adaptability to garden decoration or as cut-flowers is surpassed by no other flower. They are very showy and when cut with the first flower open, will last for 10 days in the house. They thrive in almost any good soil but better results may be had if soil is well prepared. Our list comprises the best of recent introductions and the most popular of the standard varieties. Plant Bulbs 4 inches deep and 6 inches apart. In the Fall before frost, the Bulbs should be lifted and the stems cut off and placed in a cellar away from frost until planting time in the Spring.

**Notice—We offer first size Bulbs only. All Gladiolus Bulbs are postpaid.**



**Gladiolus—Le Marechal Foch—E. J. Shaylor**

**America**—One of the best Gladiolus in existence. The color is a beautiful flesh pink, tinged with lavender. The flowers are of the largest size and splendid as a cut-flower. A very free bloomer. 3 for 15c; doz., 50c; 100, \$3.25.

**Halley**—A very large well expanded flower of a lovely salmon pink, blotched yellow, with carmine markings. 3 for 15c; doz., 50c; 100, \$3.25.

**Louise**—The lavender queen among Gladiolus. Beautiful shade of lavender, growing lighter towards the center. Extra fine. 3 for 25c; doz., 70c; 100, \$4.25.

**Le Marechal Foch**—One of the most wonderful novelties; flowers of immense size and well opened; color, rose pink, flaked and striped deeper at edges of petals. 3 for 20c; doz., 60c; 100, \$3.50.

**Peace**—A grand pure white flower with just a slight marking of a lilac feather on the lower petal. The plant is very robust, 5 feet high and shows enormous flowers, well placed all along the stem. 3 for 15c; doz., 50c; 100, \$3.25.

**Mrs. Francis King**—A most beautiful flame pink. Immense flowers on a spike growing 4 feet high, with from 18 to 20 flowers, 6 to 8 being opened at one time; a popular variety on account of its attractive color. One of the most exquisitely colored and formed Gladiolus in our list. 3 for 15c; doz., 50c; 100, \$3.25.

**Mrs. Leon Douglas**—Enormously large flowers of beautiful begonia-rose striped with flame-scarlet, the lower petals pale lemon, speckled ruby. The tall strong stems produce several side shoots. Considered one of the largest Gladiolus in existence. 3 for 25c; doz., 75c; 100, \$4.50.

**Anna Eberius**—An extra fine variety; color rich velvety purple with a deep purplish red blotch on the lower petals; flowers large, on long spikes. 3 for 20c; doz., 60c; 100, \$3.50.

**Byron L. Smith**—Delicate lavender, deepest at the edges of the petals and shading towards white in the center; gives the impression of an orchid—a real gem. 3 for 25c; doz., 70c; 100, \$4.25.

**Crimson Glow**—One of the best scarlet varieties, throat overlaid with a velvety scarlet blotch. Large wide open flowers with enough open at a time to make it attractive; good form and keeps well as a cut-flower. 3 for 25c; doz., 70c; 100, \$4.25.

**E. J. Shaylor**—A tall strong growing variety with large flowers; color, a beautiful shade of pure deep rose-pink with well ruffled edges; one of the best of its color. 3 for 20c; doz., 60c; 100, \$3.50.

**Herada**—Blooms of immense size, color a glistening pure mauve with deeper markings in the throat, always greatly admired for its unusual shade. 3 for 20c; doz., 60c; 100, \$3.50.

**Golden Measure**—Tall spike with many large, pure golden yellow flowers; several of the flowers are in bloom at one time; a winner at exhibitions. 3 for 25c; doz., 70c; 100, \$4.00.

**Los Angeles**—Shrimp pink with orange-carmine throat. 3 for 20c; doz., 60c; 100, \$3.50.

**Mary Pickford**—Delicate creamy white; throat finest sulphur yellow; very distinct and beautiful. 3 for 20c; doz., 60c; 100, \$3.50.

**Orange Queen**—Apricot-orange. This quite new shade without any competition and the substance of this variety is excellent. 3 for 25c; doz., 70c; 100, \$4.00.

**Scarlano**—Scarlet blotched ox-blood red in throat; beautifully ruffled; a fine acquisition. 3 for 25c; doz., 70c; 100, \$4.00.

## S. N. & S. Co's. COLLECTION

1 each of above 10 varieties, 10 Bulbs.....80c  
3 each of above 10 varieties, 30 Bulbs.....\$2.25

**Prince of Wales**—Beautiful salmon pink; flowers large and well placed; an early flowering sort. 3 for 15c; doz., 50c; 100, \$3.25.

**Rose Ash**—The blooms are a soft light rose suffused with an elusive combination of gray, blue and yellow, combining into an iridescent gray; gracefully placed on strong stems. 3 for 25c; doz., 70c; 100, \$4.00.

**Virginia**—An exquisite flaming scarlet, large massive flowers, many open at a time, making a gorgeous display of dazzling red. Won first prize at the American Gladiolus Society's show. 3 for 25c; doz., 70c; 100, \$4.25.

## SPECIAL OFFER

One each of the 20 Varieties Listed,  
\$1.50 Postpaid  
3 each 20 Varieties Listed,  
\$4.25 Postpaid

## S. N. & S. Co's. PEERLESS GLADIOLUS MIXTURE

A mixture of the best Giant Flowered sorts in a wide range of shades and colors, and includes many named varieties of special merit. One of the most satisfactory mixtures of Gladioli obtainable. Doz., 50c; 25, 90c; 50, \$1.65; 100, \$3.25.

**ALL GLADIOLUS BULBS ARE POSTPAID**

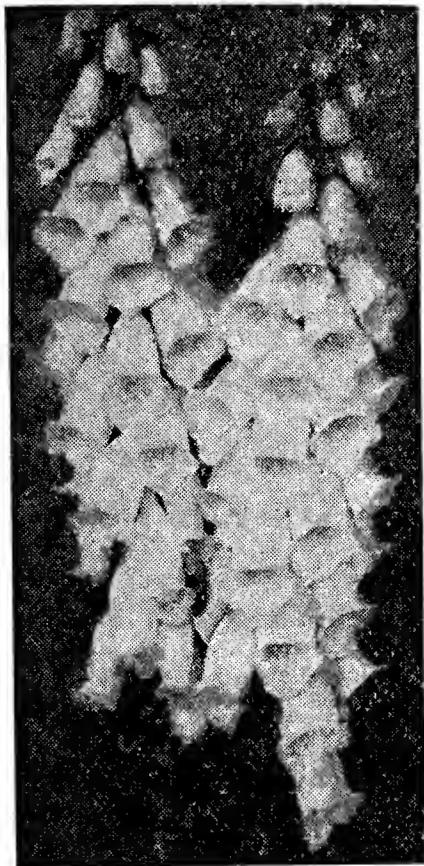


### Fox Glove or Digitalis

Grows to the height of three or four feet, with dense spikes of brilliantly colored flowers. Colors: White, Lavender and Rose. A valuable flower in every perennial garden; does not usually blossom until the second year. Hardy biennials or perennials.

**Single Mixed**—Pkt., 10c; 1/16-oz., 20c; 1/8-oz., 35c.

**Gloxiniflora**—This type of similar growth to the preceding variety, bears beautifully spotted flowers resembling the Gloxina. Hardy perennial. Pkt., 15c; 1/16-oz., 35c; 1/8-oz., 60c.



Foxglove

### GIANT SHIRLEY FOXGLOVE

This magnificent strain is unquestionably the greatest improvement ever made in Foxgloves. The very vigorous plants attain a height of 4 to 5 feet, with spikes of bloom 3 feet in length, closely set with flowers of unusual size, ranging in color from the purest white to dark rose, handsomely spotted and blotched with crimson, maroon, and chocolate. Seed sown this Spring will produce plants that will make a glorious show next season. Hardy perennial. Mixed. Pkt., 15c; 1/16-oz., 30c; 1/8-oz., 50c.

**StimUplant**  
Makes a  
Wonder Garden

GLADIOLI BULBS—(See Page 60)

### Gourd

Both Useful and Ornamental

A tribe of climbers with curiously shaped and colored fruit. Being of rapid growth, they are fine to cover old fences, trellises, stumps, etc.

**Hercules Club**—Distinctly club-shaped, the longest of all varieties.

**Japanese Nest Egg**—Used as nest eggs; fruits are white, do not crack, not injured by heat or cold.

**Sugar Trough**—Has durable thick shell, and is used for dishes and other household utensils.

**Dipper or Siphon**—Used for dippers, fruits long and bottle shaped with slightly crooked neck.

**Gourds—Mixed**—Any of the above Gourds, pkt., 5c; 1/2-oz., 25c; oz., 40c.

### Gaillardia or Blanket Flower

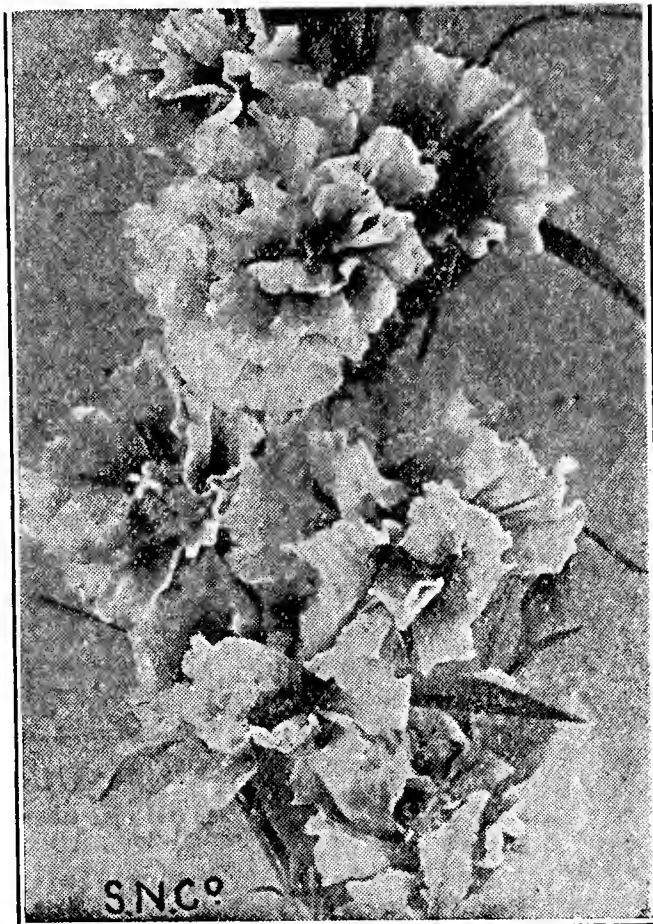


Gaillardia—or (Blanket Flower)

**Single Mixed**—Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing to bloom from early Summer till Fall; fine for cutting; 1 1/4 feet high. Annual. Pkt., 5c; 1/4-oz., 25c; 1/2-oz., 40c.

**Grandiflora Superb Mixed**—Beautiful flowers with yellow tips and crimson centers; 2 feet high. Hardy perennial. Pkt., 10c; 1/8-oz., 25c; 1/4-oz., 50c.

**Double Mixed**—One of the prettiest and best early-flowering annuals. These are gayly colored in shades of yellow, orange, brown, bronze, and deep maroon. The deeper colors are usually tipped with shades of yellow and creamy white. Pkt., 10c; 1/4-oz., 30c; 1/2-oz., 50c.



Godetia

### Grevillea or Silk Oak

**Grevillea Robusta**—A beautiful plant for decorative purposes of quick growth and easy culture. The leaves are light bronze color, the tips being covered with a soft down from which it derives the name of Silk Oak. For the house it is unsurpassed. Pkt., 10c; 1/8-oz., 30c; 1/4-oz., 50c; 1/2-oz., 90c.

### Geranium

**Zonale Mixed**—A superb strain of the largest and finest varieties. The seed should be started indoors and transferred to the open when safe from frost. Pkt., 15c; 1/16-oz., 40c; 1/8-oz., 65c; 1/4-oz., \$1.10.

### Godetia

A hardy annual growing from 6 to 10 inches high. Of compact growth with a profusion of satiny cup-shaped flowers, in deep red, pink and white, shaded and blended. Valuable for bedding or massing. Mixed. Pkt., 10c; 1/4-oz., 25c; 1/2-oz., 40c; oz., 70c.

### Gypsophila, Baby's Breath or Bridal Veil

Delicate, free flowering plants covered with a profusion of white, small star-shaped flowers. Valuable in conjunction with other flowers for bouquets. Will thrive anywhere. Annual. Pkt., 5c; 1/2-oz., 20c; oz., 35c.



Gypsophila

**Elegans Rosea**—Similar to the white, but the flowers are a fine rose. A profuse bloomer. Pkt., 10c; 1/2-oz., 20c; oz., 35c.

**Paniculata**—Perennial. A graceful, hardy plant, fine for cutting for bouquets; flowers in feathery white panicles. Pkt., 10c; 1/4-oz., 30c; 1/2-oz., 50c.

PURPUREA—(See Page 52)

### Heliotrope

Every one loves the delightful fragrance and beauty of the Heliotrope, but few know that it can easily be raised from seed. To inspire a long period of bloom, the seed should be sown indoors and the plants set out in rich, well-prepared soil. Mixed. Pkt., 10c; 1/8-oz., 40c; 1/4-oz., 70c.

### Hunnemannia or Bush Eschscholtzia

Also known as the Santa Barbara Poppy. An erect-growing tender perennial, about 2 feet high. Foliage finely cut and about 3 to 4 inches across. Stems long and smooth. A fine flower for the garden. Pkt., 10c; 1/4-oz., 25c; 1/2-oz., 40c; oz., 70c.

### Humulus or Japanese Hop

Variegated Japanese Hop. Quick growing vine for veranda or trellis. Annual; not subject to insect pests; very handsome; stands drought well. Twelve feet. Pkt., 10c; 1/4-oz., 30c; 1/2-oz., 50c.

HYACINTH BEAN—(See Dolichos, Page 59)





Hollyhock

### Hollyhock

#### Chater's Double Varieties

Our seeds of this have been saved from the finest and largest double flowers only, and will produce flowers extremely double and in the brightest and most charming colors. Sow in May or June for next year's blooming perennials. Four to six feet.

#### Blood Red—White—Pink—Yellow Rose—Maroon—Crimson

Any of the above varieties — Pkt., 10c;  $\frac{1}{8}$ -oz., 35c;  $\frac{1}{4}$ -oz., 60c.

#### Chater's Double Mixed

Pkt., 10c;  $\frac{1}{8}$ -oz., 30c;  $\frac{1}{4}$ -oz., 50c.

— — — — —  
**COLLECTION OF DOUBLE HOLLYHOCK**  
 One packet each: Pink, White, Blood Red, Rose, Maroon, Crimson, and Yellow. Value 70c.  
**POSTPAID FOR 50c**  
 — — — — —

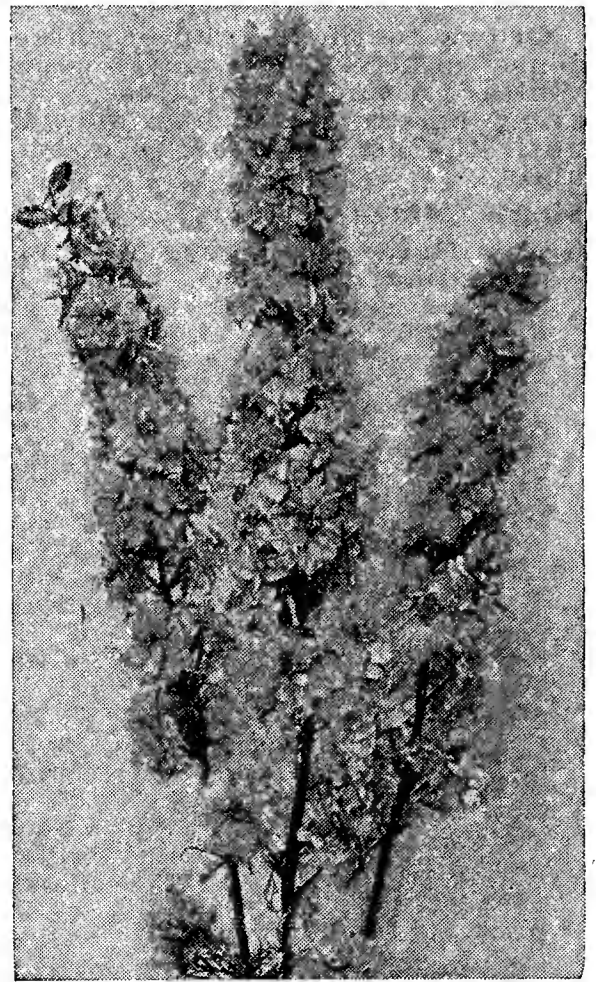
#### SINGLE ANNUAL VARIETIES

Hollyhock — Annual — Single Mixed — Pkt., 10c;  $\frac{1}{8}$ -oz., 25c.

For Hollyhock Plants—See Page 27

### Ice Plant

Pretty Summer trailing annual for vases and rock work; leaves covered with ice-like drops. Very useful for garnishing. Pkt., 10c;  $\frac{1}{4}$ -oz., 25c;  $\frac{1}{2}$ -oz., 40c.



Larkspur—Annual

### Ipomea

**Bona Nox—(Evening Glory or Good Night)**—Large fragrant violet blossoms expanding in the evening. Pkt., 10c; oz., 30c.

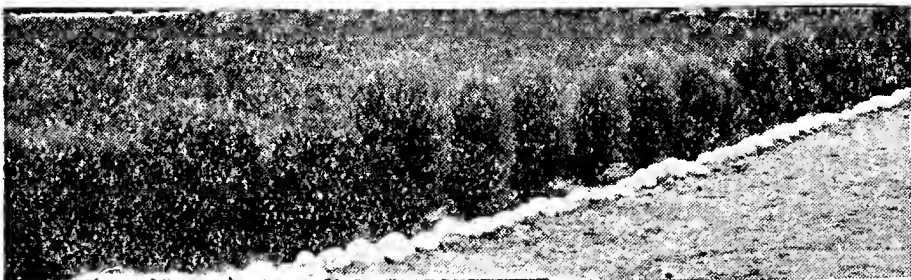
**Mikado—(Japanese Morning Glory)**—New Improved Japanese Convolvulus of grand variety, flowers measuring from 4 to 5 inches across; great variety of colors; very handsome foliage. Pkt., 10c;  $\frac{1}{2}$ -oz., 25c; oz., 40c.

**IPOMEA QUAMOCLIT**—(See Cyprus Vine, Page 58)

**IPOMEA NOCTIFLORA**—(See Moonvine, Page 63)

### Kenilworth Ivy, Liniaria or Creeping Charlie

A charming trailing plant, especially adapted for hanging baskets. Flowers lavender and purple. Tender perennial. Pkt., 10c;  $\frac{1}{4}$ -oz., 50c.



Hedge of Kochia, Burning Bush or Summer Cypress

### Kochia, Burning Bush or Summer Cypress

Grows quickly from seed sown in the open ground. The plants are of rounded or globe-like form. Early in the Fall the end of the shoots are thickly set with small bright scarlet flowers, the bushy plants resembling balls of fire; makes a good Summer hedge. Hardy annual. Three feet. Pkt., 5c;  $\frac{1}{4}$ -oz., 25c;  $\frac{1}{2}$ -oz., 35c; oz., 60c.

### Kudzu Vine or Pueraria Thunbergiana

One of the fastest growing hardy climbing plants. It will grow 8 to 10 feet the first year from seed, and after it is established there is no limit to its growth. Its foliage is large; bears small racemes of rosy-purple, pea-shaped blossoms. A fine climber for covering permanently verandas, dead trees, etc. Hardy perennial. Pkt., 10c;  $\frac{1}{4}$ -oz., 30c;  $\frac{1}{2}$ -oz., 50c.

### Linum or Scarlet Flax

Distinguished for their brilliant colored flowers, which are crimson with black center, saucer shaped, and very conspicuous in bed or border. The foliage is slender and delicate. Height 1½ feet. Hardy annual. Scarlet. Pkt., 5c;  $\frac{1}{4}$ -oz., 25c.

**Perene**—A fine deep blue variety, growing about 18 inches. Hardy perennial. Pkt., 10c;  $\frac{1}{4}$ -oz., 30c;  $\frac{1}{2}$ -oz., 50c.

**Album**—A handsome white variety of the hardy Flax. Perennial. Pkt., 10c;  $\frac{1}{4}$ -oz., 25c;  $\frac{1}{2}$ -oz., 40c.

#### HARDY ASTERS—(See Page 24)

**HELICHRYSUM**—(See Strawflower, Page 68)

**HESPERIS**—(See "Sweet Rocket," Page 69)

### Larkspur, Hardy Annual

This hardy annual is one of the best of garden plants. Sown in the open ground about May 10th, will produce blooming plants in July and August; continues in flower until frost.

**Empress Rose—New**—A rich rhodonite pink with no trace of mauve. This magnificent new strain is a double ever-blooming, super-branching Larkspur, and grows over five feet tall. The large florets are well placed on the stem. As a cut-flower it is unsurpassed for color, keeping qualities, and its tall branching habit. Pkt., 15c;  $\frac{1}{4}$ -oz., 50c; oz., \$1.50.

**Tall Double Stock Flowered Larkspur**—Pure White, Shell Pink, Dark Blue, Carmine. Pkt., 10c;  $\frac{1}{4}$ -oz., 25c;  $\frac{1}{2}$ -oz., 40c.

**Larkspur**—Finest Mixed. Pkt., 5c;  $\frac{1}{4}$ -oz., 25c; oz., 75c.

**Emperor Mixed**—The flowers are quite double and of the most beautiful shades. Pkt., 10c;  $\frac{1}{4}$ -oz., 30c; oz., \$1.00.

— — — — —  
**LARKSPUR COLLECTION**  
 One packet each:  
 White, Pink, Carmine, Blue  
**POSTPAID FOR 35c**  
 — — — — —

For Perennial Larkspur—See Delphinium, Page 59

### Lavatera, Annual Mallow

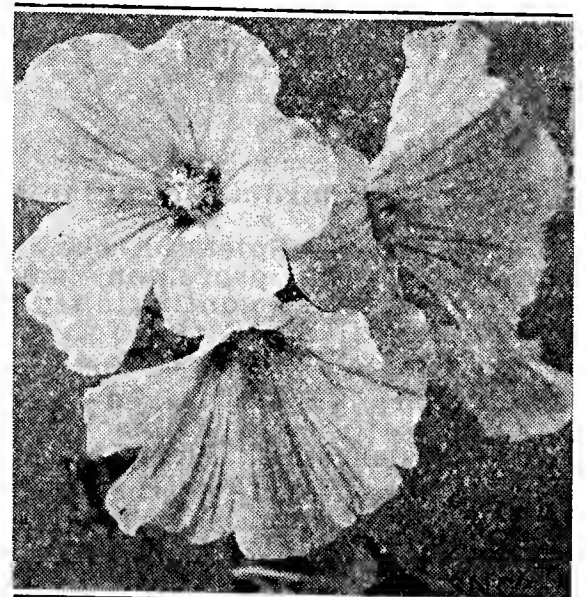
The annual Mallow or Lavatera is a charming plant for cool locations, growing 2½ feet high and covered all Summer from July until Fall with large bright colored saucer-shaped flowers.

**Splendens Alba**—Very large, silky pure white flowers. Pkt., 10c;  $\frac{1}{4}$ -oz., 25c;  $\frac{1}{2}$ -oz., 40c.

**Splendens Rosea**—Very large, bright rose pink flowers. Pkt., 10c;  $\frac{1}{4}$ -oz., 30c;  $\frac{1}{2}$ -oz., 50c.

### Lavendula Vera or Sweet Scented Lavender

A well known, sweet scented shrub, of dwarf bushy habit. Extremely desirable for its delicious perfume. Hardy perennial. Pkt., 10c;  $\frac{1}{4}$ -oz., 35c.



Lavatera





Lupins

**Leptosyne or Yellow Daisy**

**Stillmani** — An easily grown, attractive annual. It blooms early and continuously for many weeks. The daisy-like flowers are a pure golden yellow and borne on long stems on plants 20 inches tall. Pkt., 10c; ¼-oz., 40c.

**Lupins**

A very attractive plant with beautiful foliage and long spikes of blossoms. The plant attains a height of 3 feet. Of the easiest culture. Sow in the open ground. Desirable for cut-flowers. Annual.

Mixed—Pkt., 5c; ½-oz., 20c; oz., 35c.

**Lupins, Hardy Perennial**

A showy hardy perennial with graceful long spikes of flowers borne during June and July. Excellent for cutting.

Mixed—Pkt., 10c; ¼-oz., 25c; ½-oz., 40c.

**LOVE-IN-A-GROVE**  
(See *Nemophila*, page 64)  
**LOVE-IN-A-MIST**  
(See *Nigella*, page 64)



Lobelia

**Lobelia**

**Crystal Palace**—Small compact bushes covered with deep azure blue flowers. Make an attractive border and blossom early until frost. Pkt., 10c; ⅛-oz., 50c; ¼-oz., 90c.

**White Gem**—Dense balls covered with snow-white flowers. Pkt., 10c; ⅛-oz., 35c; ¼-oz., 60c.



Lychnis  
Chalcedonica

**Lychnis or Ragged Robin**

**Chalcedonica** — Also called **Burning Star, Jerusalem Cross, Maltese Cross**—Bright scarlet flowers, handsome for beds and borders. Of easy culture, blooming the first year if sown early. Hardy perennial; 2 to 3 feet.

Pkt., 10c; ⅛-oz., 20c; ¼-oz., 35c; ½-oz., 60c.

**Mignonette**

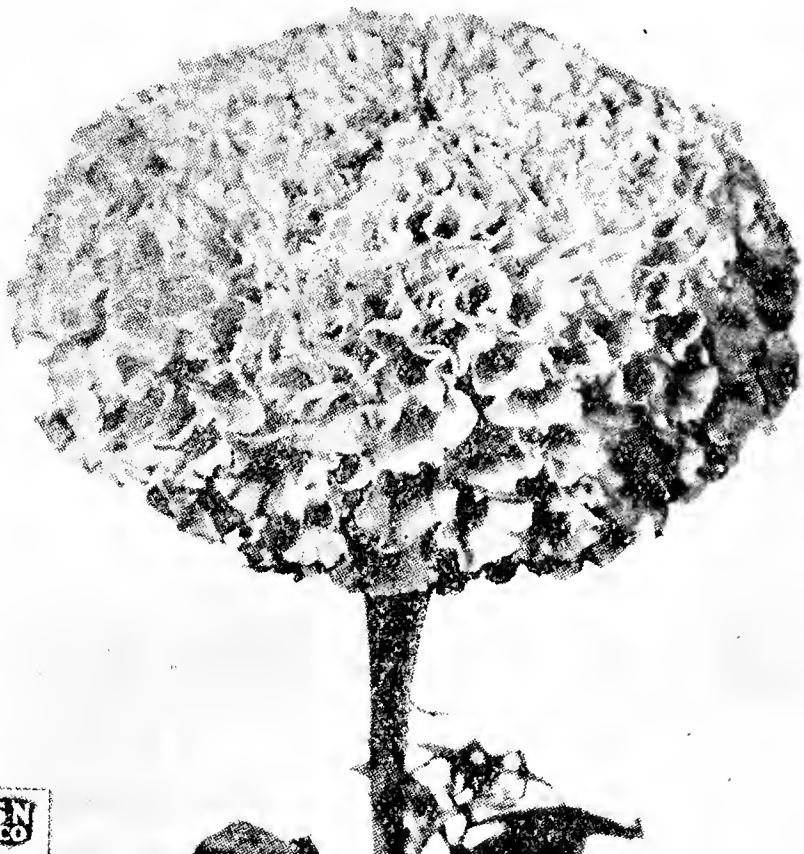
A well known hardy annual producing dense spikes of exceedingly fragrant flowers. Plant in light sandy soil. Thrives best in a cool temperature.

**Sweet Scented** — Pkt., 5c; ¼-oz., 25c; ½-oz., 40c; oz., 70c.

**Golden Queen** — Fragrant golden yellow flowers. Pkt., 10c; ¼-oz., 25c; ½-oz., 40c.

**Pure White**—Large white sweet scented. Pkt., 10c; ¼-oz., 25c.

**Victoria**—Giant red; a brilliant color. Pkt., 10c; ¼-oz., 25c.



Marigold—Tall African Double

**Marigold, African  
TALL—DOUBLE**

Old-time favorites of easy culture. One of the most showy annuals with their wonderful shades of yellow. Require a light soil and full exposure to the sun. Three feet.

**El-Dorado**—Flowers very large, imbricated and very double; colors in all shades of yellow. Pkt., 10c; ¼-oz., 35c; ½-oz., 60c.

**Lemon Queen**—Large flowered variety with lemon yellow flowers. Pkt., 10c; ¼-oz., 40c; ½-oz., 75c.

**Orange Prince**—A large and showy variety, with very double flowers of a rich golden-orange color. Pkt., 10c; ¼-oz., 40c; ½-oz., 75c.

**Tall African Double Mixed**—Pkt., 5c; ¼-oz., 25c; ½-oz., 40c; oz., 70c.

**Guinea Gold**—All double orange. (See *Novelties*, page 54.)

**New Guinea Gold—All Double Orange**  
(See Page 54)

**MARIGOLD COLLECTION**  
One packet each, El-Dorado, Lemon Queen,  
Orange Prince—(value 30c).  
**POSTPAID FOR 25c**

**Dwarf French Marigold**—The dwarf French Marigolds rarely exceed one foot in height, with beautifully marked flowers of all shades of yellow and brown.

Mixed. Pkt., 5c; ¼-oz., 25c; ½-oz., 40c.

**Mathiola or Evening Scented Stock**

No annual in cultivation equals this in delicate perfume of its flowers. The pink and lilac blossoms partly closed during the day, expand and impart their fragrance in the evening; 12 to 15 inches. Pkt., 10c; ¼-oz., 20c; ½-oz., 30c; oz., 50c.



**Matricaria  
or Feverfew**

A favorite bedding plant and profuse bloomer. Half-hardy perennial. Treat as an annual. Double white. Pkt., 10c; ¼-oz., 35c.

**MEXICAN BURNING BUSH**—(See *Kochia*, Page 62)

**Evening Scented Stock**

**■ Moon Flower or Ipomea Noctiflora**

So called from its rare peculiarity of blooming best at night, and on dull days. A beautiful climber, producing large, sweet-scented flowers 4 to 5 inches across. Tender annuals, 15 to 20 feet. Soak seed and plant in warm sunny place. Pkt., 5c; ½-oz., 30c; oz., 50c.



**Musk Plant or Mimulus Moschatus**

Foliage emits a strong musky perfume; pretty yellow flowers, fine for hanging baskets. Pkt., 15c; 1/16-oz., 50c.

**Myosotis or Forget-Me-Not**

Beautiful little plants with star-like flowers; succeeding best in a shady, moist situation; half hardy perennial; blooming the first year from seed if sown early. The true Forget-Me-Not; beautiful blue flowers. Pkt., 5c; 1/8-oz., 25c; 1/4-oz., 40c.

**MORNING GLORY**—(See Convolvulus, Page 58)

**MORNING GLORY**—Mikado or Japanese  
(See Ipomea, Page 62)

**MOURNING BRIDE**—(See Scabiosa, Page 67)

**Nasturtiums**

For ease of culture, duration of bloom, brilliancy of coloring and blooming in the greatest profusion even in poor soils; is an endless profusion of gorgeous blossoms. The seeds picked green and pickled in vinegar have a piquant, appetizing flavor as a pickle. Do not water much nor sow on rich ground if abundance of bloom is desired.

**DWARF OR BEDDING VARIETIES**

**Empress of India**—Rich salmon-scarlet, deep green leaves.

**Golden King**—A glowing orange yellow, dark foliage.

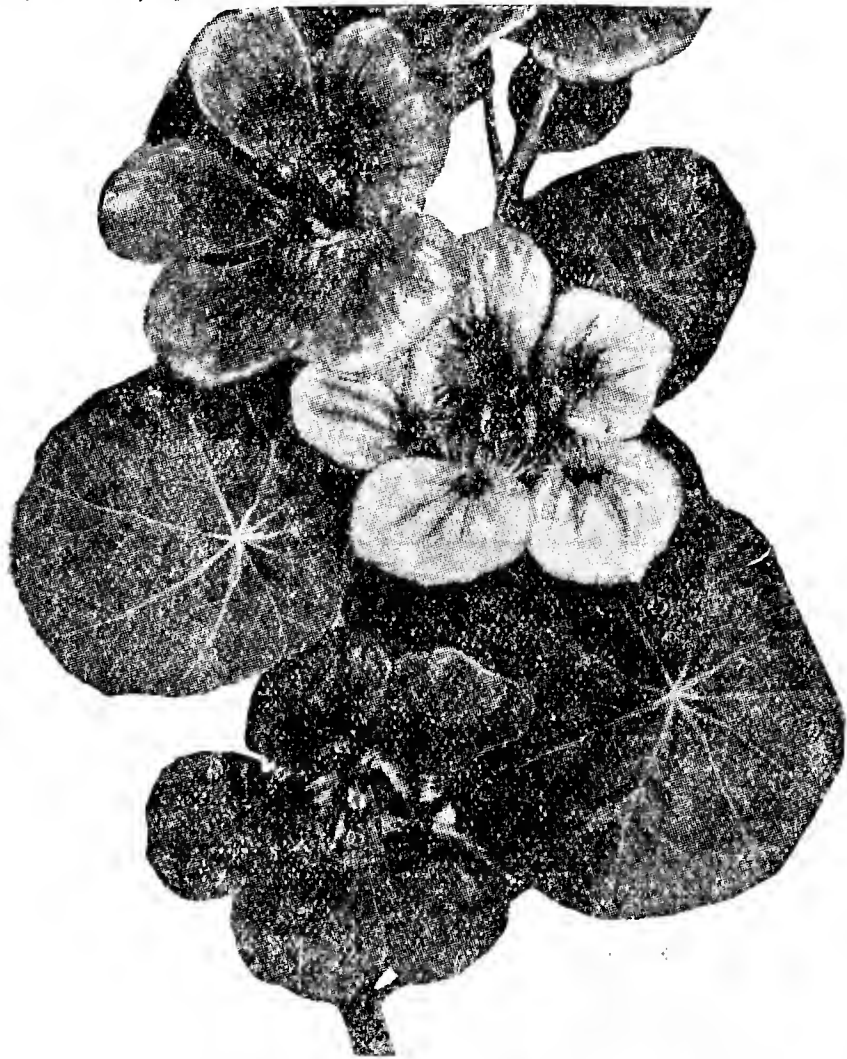
**Queen of Tom Thumbs**—Flowers rich purplish crimson.

**Spotted King or Lady Bird**—Yellow, spotted.

**Vesuvius or Salmon Queen**—Salmon-rose, dark foliage.

**Any of the Above Varieties**—Pkt., 10c; oz., 20c; 1/4-lb., 60c; lb., \$2.00.

**Dwarf Prize Mixture**—Pkt., 5c; 1 oz., 15c; 1/4-lb., 50c; 1 lb., \$1.75.



**Tall or Climbing Nasturtiums**

**TALL OR CLIMBING VARIETIES**

**Tall Crimson**—Large crimson flowers, dark foliage.

**King Theodore**—Deep maroon with dark foliage.

**Dunnett's Orange**—Deep orange, with crimson blotches.

**Jupiter**—Vivid golden yellow.

**Pearl or Moonlight**—Amber, yellow flowers, large.

**Any of the Above Varieties**—Pkt., 10c; oz., 20c; 1/4-lb., 60c; lb., \$2.00.

**Tall Prize Mixed**—Pkt., 5c; 1 oz., 15c; 1/4-lb., 50c; 1 lb., \$1.75.

**NASTURTium NOVELTY**—(See Page 66)

**Nemophila, Baby's Eyes or Love-in-a-Grove**

Of dwarf spreading habit. It is well adapted for border or pot culture. The flowers are exquisitely colored. Sow in Spring and thin to 1 foot apart. Hardy annual. Mixed. Pkt., 5c; 1/8-oz., 20c; 1/4-oz., 30c.

**Nicotiana**

**Sanderae — Hybrids — Mixed** — Handsome garden plants of the tobacco family, valuable for the long duration of their bloom. Flowers white, carmine, rose and violet; is in full bloom during the day. Hardy annual. 3 feet. Pkt., 10c; 1/4-oz., 30c.

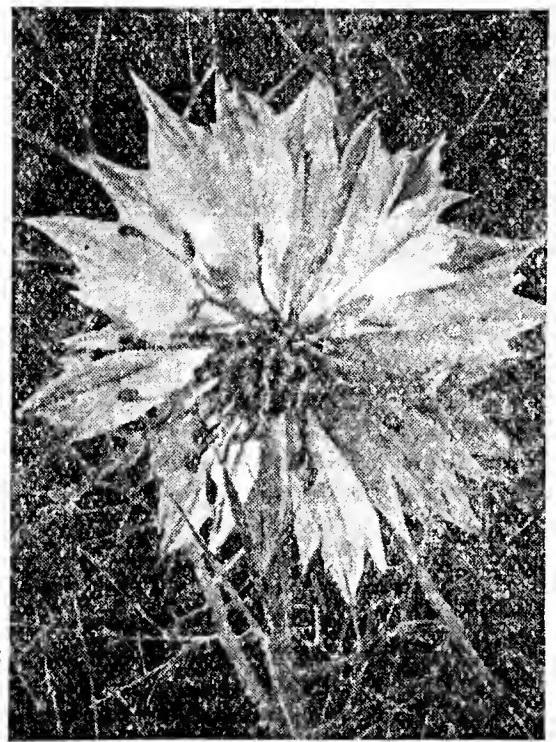


**Nicotiana (Flowering Tobacco Plant)**

**Affinis**—Sweet Scented Tobacco Plant—Delightfully sweet-scented, pure white, tubular flowers, blooming continually; hardy annual, two to three feet. Pkt., 10c; 1/4-oz., 25c; 1/2-oz., 40c.

**Nigella Damascena****Love-in-a-Mist or Devil-in-a-Bush**

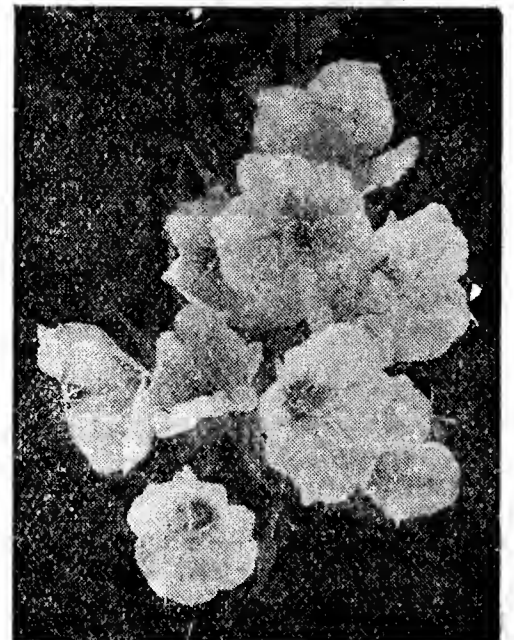
This beautiful plant makes a showy and attractive border or mixes well for bedding. The delicate blue-white flowers surrounded by feathery foliage suggest "Love-in-a-Mist," and the red crown-shaped horn-tipped seed pods suggest "Devil-in-a-Bush." Fine for cutting. Twelve to fifteen inches. Pkt., 5c; 1/4-oz., 25c; 1/2-oz., 40c.



**Nigella**

**Oenothera Evening Primrose**

This widely known free-flowering annual produces brightly colored single flowers which open on approach of twilight. A combination of red stems with red buds and yellow flowers make it a beautiful and striking plant. Hardy annual. Pkt., 10c; 1/4-oz., 25c; 1/2-oz., 40c.



**Oenothera—Evening Primrose**

**PERWINKLE**—(See Vinca, Page 71)





EDELWEISS

**Four  
Peerless  
Alpines  
for  
Your  
Garden**



DIANTHUS DELTOIDES



**Rock Gardens are Permanently Beautiful**  
*Build Them with*  
***Our Montana Hardy and Adaptable Plants***



DIANTHUS PLUMARIUS

**Special  
Seed and  
Plant Offer**

1 Strong Plant  
of each of 4  
varieties shown  
Value \$1.15  
For **\$1** Prepaid

**We offer  
plants only  
this year**



VERONICA INCANA





COLUMBINE



SHASTA DAISY



COREOPSIS

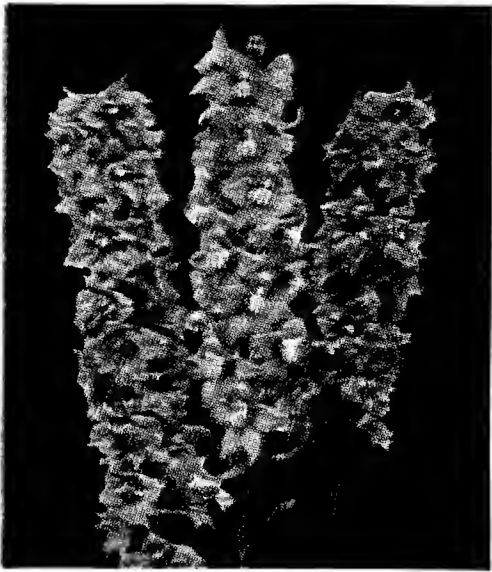


PYRETHRUM

**M O T H E R'S  
G A R D E N  
C O L L E C T I O N**  
*o f* **H a r d y  
P e r e n n i a l  
F l o w e r  
S e e d s &  
P l a n t s**



Hardy Perennials are easily grown from seed or plants. Perennials are the chief standing of the old fashioned gardens. They require little attention after once established, will last many years and will increase in beauty each season.



DELPHINIUM

*This Special Collection in  
Strong Potted Plants*  
**Value \$2.55**  
**SENT PREPAID TO YOU FOR**  
**\$2.10**



ORIENTAL POPPIES

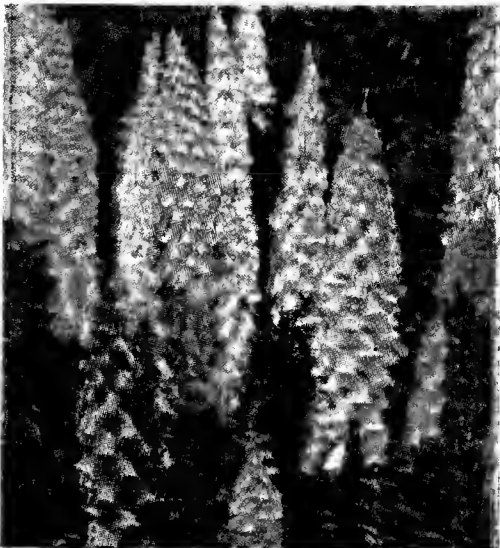
*This Special Collection  
in Peerless Seeds*  
**One Packet Each of  
These Ten Popular  
Varieties**  
**(Value \$1.15)**  
**For \$1.00 Postpaid**



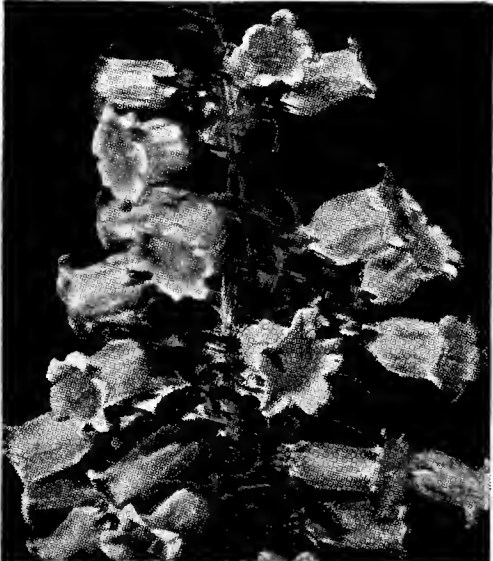
GAILLARDIA



LUPINES



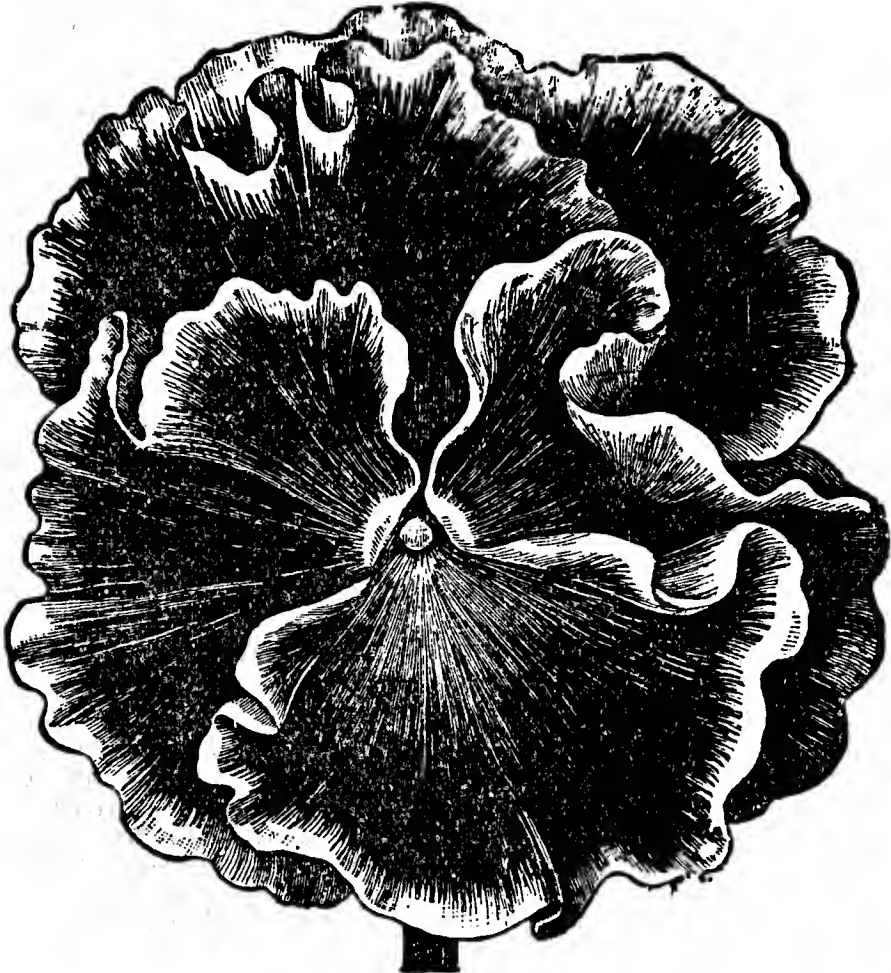
FOXGLOVE



CANTERBURY BELLS



**S. N. & S. Co's. Giant Flowering Pansies**  
Pansies thrive best on a cool, moist, well drained soil enriched with rotted fertilizer or bone meal. Seeds sown early will produce fine plants for Autumn blooming. Best to sow in July or August and protect the plants during the Winter when they will flower continuously the next Spring and Summer. Our Pansies are renowned as the most beautiful in the world for size and color. In germinating allow plenty of ventilation. Keep beds quite moist but not soaking wet. Never allow beds to become dry.



Pansy—Giant Flowering

- St. Knud—(The Orange Pansy)**—The plants are of luxuriant growth. The handsome shaped flowers are placed on long stems well above the leaves. The color of the flower is golden orange in the center, changing into dark orange without spots or stripes. This peculiar color is of great effect in beds and borders. Pkt., 25c.
- Adonis**—Beautiful light blue. Pkt., 10c.
- Fire King**—The lower petals bright golden yellow shaded orange. Each petal has a large blotch of deep mahogany-red, shaded with purplish black in the center. The two upper petals are copper-brown with a bright golden yellow border. Very showy. Pkt., 10c.
- Golden Queen**—Large. Best of the pure yellows. Pkt., 10c.
- King of the Blacks**—Almost jet black. Extra fine large flowering. Pkt., 10c.
- Lord Beaconsfield**—Top pale lavender, shading to purple violet on lower petals. Very large and exquisitely marked and distinctive. Pkt., 10c.
- Madam Perret**—Petals frilled. Dark wine, pink, and red shades beautifully veined, all with white margin. Pkt., 10c.
- Prince Henry**—An extra fine variety. The largest dark purple. A flower of unusual beauty. Pkt., 10c.
- Prince Bismark**—Beautiful shades of golden bronze. The largest and finest of the bronze Pansies. Pkt., 10c.
- Snowflake**—Extra fine pure white. Pkt., 10c.
- Any of the above named varieties, 1/16-oz., 45c; 1/8-oz., 75c.
- Masterpiece—Giant Ruffled**—The mammoth size, richness of colorings and frilled or ruffled character make "Masterpiece" one of the most distinctive Pansies. Pkt., 15c; 1/16-oz., 35c; 1/8-oz., 60c.
- Cardinal**—This magnificent variety has a well-defined dark blotch on the three lower petals. Bright cardinal red, shaded with a rich tone of bright mahogany-red toward the center. Pkt., 15c; 1/16-oz., 35c; 1/8-oz., 60c.
- Mlle. Irene**—A shade never before known to Pansies, a henna or tango red, a grand flower with long strong stems. Pkt., 20c; 1/16-oz., 50c; 1/8-oz., 85c.
- Pansy—Fine Mixed**—Pkt., 10c; 1/16-oz., 25c; 1/8-oz., 40c; 1/4-oz., 65c.
- S. N. & S. Co's. Giant Flowering Premium Mixed**  
Pkt., 20c; 1/16-oz., 65c; 1/8-oz., \$1.20; 1/4-oz., \$2.25.

Petunias



Petunia—(Double Type)

**S. N. & S. Co's. Double Fringed Mixed**  
—This is a mixture of the best large flowering and fringed double Petunias and will produce grand flowers. Only a certain percentage of double flowers may be expected from seed, varying from 25 to 40 per cent, while the remainder will be choice large single flowers. The weaker seedlings should be saved, as they often produce double flowers. Seed very costly. Pkt., 35c.

SINGLE VARIETIES

- Giant Fluffy Ruffles**—These Petunias are very large flowered. The petals are waved, frilled and curled and twisted, giving an extremely dainty and pretty flower. Pkt., 35c.
- Elks' Purple or Pride**—A most outstanding variety, with immense flowers of rich deep Elk's purple. The petals are of velvety appearance. The blooms are enormously large. The velvety black veins add much to the beauty of the magnificent flowers. Pkt., 25c.



Petunia—(Single Type)

- Rosy Morn**—A bright rosy pink, with silvery white throat; very charming, compact, and free flowering. Make a very dainty and effective border. Pkt., 10c; 1/16-oz., 45c; 1/8-oz., 80c.
- Rose of Heaven**—Excels by its marvelous color—rich brilliant rose with inconspicuous white throat. A deeper color than Rosy Morn. Pkt., 15c; 1/8-oz., 60c; 1/4-oz., \$1.00.

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- Rose of Heaven**—Excels by its marvelous color—rich brilliant rose with inconspicuous white throat. A deeper color than Rosy Morn. Pkt., 15c; 1/16-oz., 35c; 1/8-oz., 60c; 1/4-oz., \$1.00.

Balcony Petunias

- For window or porch boxes, dry banks, terraces, or among rockwork, they may be depended upon to supply an unsurpassed floral effect throughout the summer. Flowers nearly 3 inches in diameter.
- Balcony Blue**—The flowers open up as a purplish blue, turning to a violet-blue when fully expanded. Pkt., 15c; 1/16-oz., 65c; 1/8-oz., \$1.10.
- Balcony White**—A magnificent pure white. Very large. Pkt., 15c; 1/16-oz., 65c; 1/8-oz., \$1.10.
- Balcony Rose**—Lovely bright rose flowers with a contrasting white throat. Pkt., 15c; 1/16-oz., 65c; 1/8-oz., \$1.10.

Portulaca, Moss Rose or Sun Plant

- A low growing or creeping annual, six inches high. Of easy culture, thriving best in rich light loam or sandy soil. The glossy cup shaped flowers are produced in great profusion and are of the richest colors. Very fine for massing in beds, edgings or rockwork. They love the sunshine and rather dry ground.
- Single Mixed** .....Pkt., 5c; 1/8-oz., 35c; 1/4-oz., 60c
- Double Mixed** .....Pkt., 10c; 1/8-oz., 45c; 1/4-oz., 80c

PANSY COLLECTION

Contains the following varieties: Golden Queen, Adonis, Madam Perret, Lord Beaconsfield, Prince Henry, Prince Bismark. One packet each of these six fine Giant-flowering Pansies (value 60c) mailed

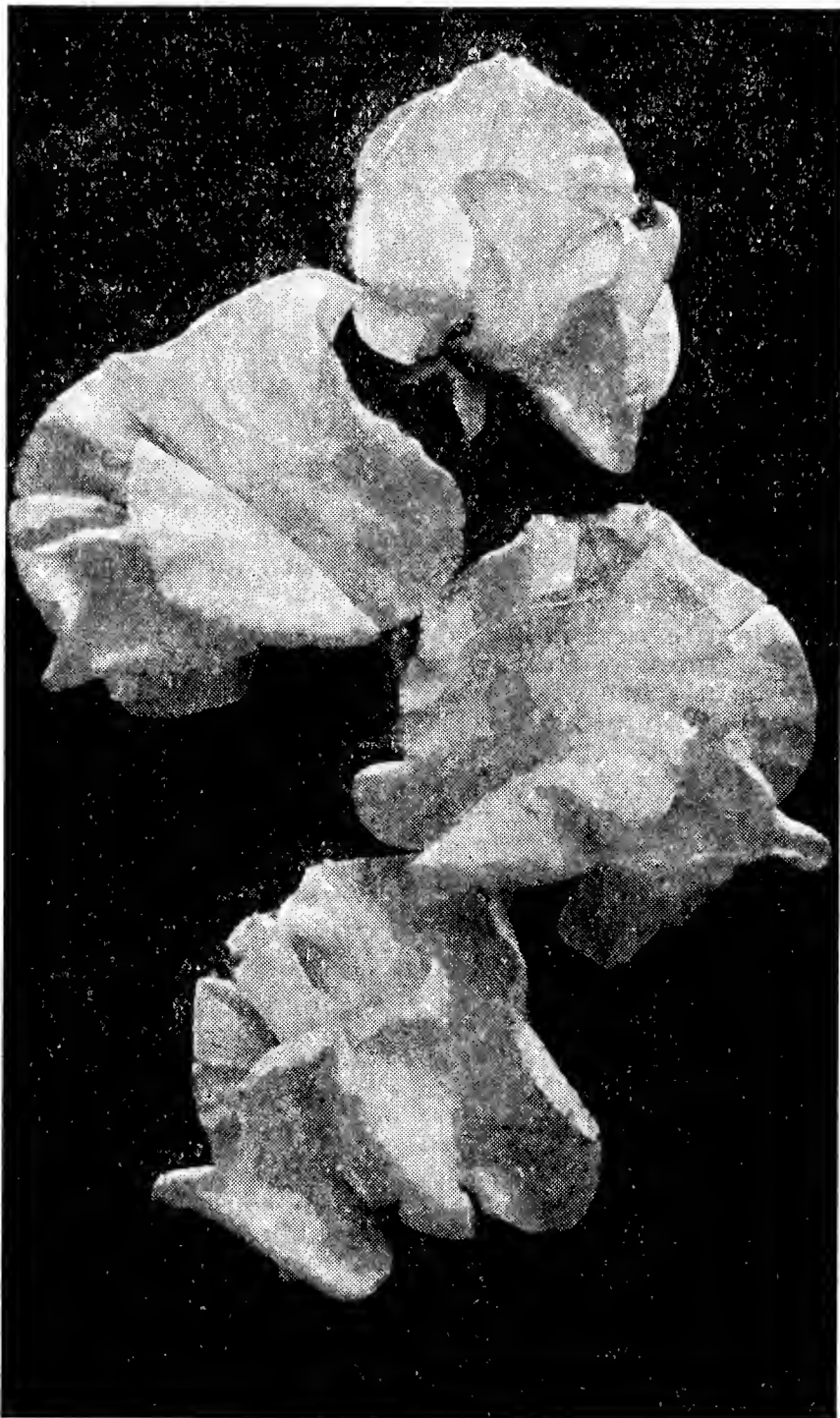
POSTPAID FOR 50c



## S. N. & S. Co's. Summer Flowering Sweet Peas

Our Peerless Spencer Sweet Peas have been selected and reselected for type, large flowers and long stems and are the best to be had anywhere. They are quickly and easily grown from seed and adaptable to the gardens of the Northwest. We have selected the newest, choicest and most up-to-date Sweet Pea varieties known in each color class.

Thousands inoculate their Sweet Pea seed with Stim-U-Germ (See Page 125). Spray thoroughly and often to prevent infection by aphids. We recommend spraying with black leaf "40" or Evergreen for this purpose. Leaflet on Sweet Pea Culture Free.



Spencer Sweet Pea

### Sweet Pea Novelties for 1933

#### Smiles

A really new and exquisite shade. It is a clear glistening salmon shaded, shrimp pink; a most pleasing color and absolutely sunproof. The blossoms are so clear in color that people have been amazed. The stems are long with four grand flowers beautifully waved and fluted. Pkt. (about 30 seeds), 25c.

#### Red Boy

We offer Red Boy as the best crimson Sweet Pea. The shade is pure, rich, distinct and standard and wings are alike in color. The stems are long, carrying four magnificent flowers. We strongly recommend Red Boy; richer and brighter than any other crimson. Pkt. (about 30 seeds), 25c.

#### Carminc

**Doreen**—Carminc rose flowers of large size and beautifully waved petals. Pkt., 10c; ½-oz., 30c; oz., 50c; ¼-lb., \$1.50.

#### Cerise, Deep

**Hero**—Is a beautiful shade, because in sunshine or artificial light it appears to be suffused with salmon. "Hero" is an entirely new shade of color and difficult to describe, and on account of its brilliance and clarity will be welcomed by all. The flowers are large, nicely waved, on strong stems. Pkt., 10c; ½-oz., 30c; oz., 55c; ¼-lb., \$1.80.

#### Cerise Scarlet

**Defiance**—The color is a pleasing cerise-scarlet, absolutely burnless. Defiance has a charming form. It is of immense size and of vigorous, robust habit; carries four very large size flowers on long stout stems, which are produced in great profusion. Pkt., 10c; ½-oz., 20c; oz., 35c; ¼-lb., \$1.00.

#### Crimson

**Crimson King**—Undoubtedly the most glorious crimson Sweet Pea yet introduced. Flowers of large size, perfectly placed on long strong stems and of rich deep crimson color. Entirely free from sunburn and wind scald. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.

#### Lavender

**Austin Frederick**—Flowers of largest size, well placed on long strong stems. Color a true lavender, the best yet introduced. Pkt., 10c; ½-oz., 20c; oz., 35c; ¼-lb., \$1.00.

### Two Varieties of Real Merit

#### Welcome

The most brilliant and dazzling scarlet Sweet Pea yet introduced. Welcome is a grand flower and a glorious color. It is absolutely sunproof, and the wings are exactly the same shade as the standard, giving the flower its magnificent self color effect. Welcome is the deepest and brightest scarlet Sweet Pea ever introduced. Pkt., 15c; ½-oz., 45c; oz., 75c.

#### Debutante

A magnificent new shade in Sweet Peas. The color is difficult to describe. It is a lovely soft salmon shaded coral or peach pink. It is quite a distinct shade, a color all its own. Flowers are large and bold. It flowers almost indefinitely, making it an exceptionally desirable garden variety. Pkt., 15c; ½-oz., 45c; oz., 75c.

### Four Wonderful Varieties

#### Miss Delight

Magnificent double Sweet Pea having beautifully waved petals. The color is a warm light salmon pink on cream ground with a decided amber suffusion. The flower itself is huge with the four beautifully doubled blossoms on a strong stem. Pkt., 15c; ½-oz., 40c; oz., 70c.

#### Ripples

A charming rose pink. The flushed rose on deep cream ground appears intensified in the center of the standard and edges of the wings. The standard has a margin of lighter pink which brightens the flower. The flowers are large, well waved, with a tendency to duplex. The stems are long and bear four flower sprays. Pkt., 15c; ½-oz., 40c; oz., 70c.

#### Kitty Pierce

is a new shade in Sweet Peas, being a soft light lilac, suffused with blush pink. The blossoms are very large; stout stems, and the petals are beautifully frilled and wavy. A charming Sweet Pea. Pkt., 15c; ½-oz., 35c; oz., 60c.

#### Winnie Morse

is the largest and one of the most beautiful Sweet Peas we have ever introduced. The flowers are mostly duplexed and delightfully frilled, giving the blossoms a fine light, wavy effect in spite of their large size. The color is cream ground, lightly flushed, soft rose pink. Pkt., 15c; ½-oz., 35c; oz., 60c.

One packet each of the above four varieties (value 60c) will be mailed to any address postpaid for 50c.

½-oz. each (value \$1.50) postpaid for \$1.25.  
1 oz. each (value \$2.60) postpaid for \$2.35.

FOR BRILLIANCY OF COLOR AND EASE OF CULTURE NOTHING EXCELS SWEET PEAS



## S. N. & S. Co's. Summer Flowering Sweet Peas Are the Largest and Most Beautiful Shades

### Cream

**What Joy**—A charming variety of rich deep primrose-yellow shade. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.

### Cream Pink

**Mary Pickford**—A cream pink with a faint suffusion of salmon. Flowers exceptionally large and beautifully waved. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.

**Cream Pink, Pale**—(See Winnie Morse)

### Maroon, Dark

**The Sultan**—The best rich black velvety maroon. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.

### Mauve

**Chieftain**—The most beautiful shade of pure satiny mauve. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.

### Orange

**Tangerine**—Brilliant tangerine-orange flowers. Very popular. Pkt., 10c; ½-oz., 20c; oz., 35c; ¼-lb., \$1.00.

### Orange Pink

**Royal Pink**—A magnificent shade of shrimp pink with large, well formed waved flowers. Pkt., 10c; ½-oz., 25c; oz., 40c; ¼-lb., \$1.25.

### Orange-Scarlet

**Mammoth**—Brilliant orange-scarlet of large size, the standard showing more orange than the wings. Vigorous and free blooming. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.

### Picotee Edged Pink

**Youth**—Clear, waxy white with pink edging. Produces large blooms. Beautiful and delightfully fragrant. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.

### Pink, Pale

**Supreme**—This is the best clear pink known. A soft and delicate color. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.

### Pink, Deep

**Pinkie**—Is larger than any other variety we have seen in the deep pink class. The beautiful rose pink flowers are free from the blueness of other deep pinks and is glorious. A most vigorous grower. The flowers are nicely waved. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.

### Purple

**Royal Purple**—The best rich royal purple. The color deepens as the flower ages, a desirable quality in a purple variety. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.

### Rose

**Rosabelle**—A very rich bright rose. Flowers beautifully waved or fluted and of extra large size. Pkt., 10c; ½-oz., 20c; oz., 35c; ¼-lb., \$1.00.

### Salmon

**Barbara**—A superb salmon-colored sort that makes a telling bunch for exhibition or table decoration. Pkt., 10c; ½-oz., 20c; oz., 35c; ¼-lb., \$1.00.

### Scarlet

**Hawlmart Scarlet**—A really wonderful bright scarlet. Pkt., 10c; ½-oz., 20c; oz., 35c; ¼-lb., \$1.00.

### White

**Avalanche**—Glistening white of great substance. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.

### Blue

**Heavenly Blue**—A most beautiful shade of delphinium blue. Pkt., 10c; ½-oz., 25c; oz., 35c;

### Blue, Light

**Gleneagles**—Flowers beautifully waved with daintily frilled edges. Color lavender blue, slightly deeper at center. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00.



Mary Pickford

### Spencer Sweet Peas—Mixed

Composed of Giant Waved Spencer varieties, blended in proper proportion and including several new hybrids of exquisite colors and shades. The varieties in this mixture will produce from three to four flowers on a stem. ½-oz., 20c; oz., 30c; ¼-lb., 85c; ½-lb., \$1.40; lb., \$2.50.

### Special Offer of Spencer Sweet Peas

We will send you one 10c package each of the 22 varieties listed (not including 15c or 25c pkgs.) for \$1.85

Your choice of any 15 varieties (not including 15c or 25c packages) 10c packages only, for \$1.25

Our choice of any 15 varieties (10c packages) for \$1.00

### Grandiflora Sweet Peas

The overshadowing size and beauty of the Spencer Sweet Peas have gradually reduced the demand for the Grandiflora types, so that we now offer only the mixed varieties. Peerless Mixed—The best Grandiflora Mixture, colors well proportioned. Oz., 15c; ¼-lb., 40c; lb., \$1.50.

### Lathyrus, Everlasting or Perennial Sweet Peas

A hardy perennial climber. Sow the seed in rich ground one inch deep. The plants start slowly but make a strong growth and bear large compact clusters of flowers resembling those of the Sweet Pea but without fragrance, and give profusion of bloom all Summer.

Red, pkt., 15c; ½-oz., 40c; oz., 75c.

White, pkt., 15c; ½-oz., 50c; oz., 90c.

Pink, pkt., 15c; ½-oz., 40c; oz., 75c.

Mixed, pkt., 10c; ½-oz., 35c; oz., 65c.



# S. N. & S. CO'S. SPENCER SWEET PEAS

## Early or Winter Flowering Varieties

This new race of Early Flowering Spencer Sweet Peas is particularly adapted to sections where the summer flowering varieties have not proved satisfactory. They are now very popular and in great demand for early spring blooming, for out-door culture, coming into flower three to four weeks earlier than the regular summer flowering varieties, and if the flowers are kept picked will continue to bloom over a long period. The flowers are large and of the same form as the Spencer and are beautifully waved or frilled. We offer the following carefully selected varieties.

Thousands inoculate their Sweet Pea Seed with Stim-U-Germ. (See Page 125.) Spray thoroughly and often to prevent infection by aphids. We recommend spraying with Black Leaf "40" or Evergreen for this purpose

## NOVELTIES

### Novelty—1933

#### Miss Annie Laurie

Miss Annie Laurie constitutes the richest tone of pure rose pink ever produced in a Sweet Pea. It is several shades richer than any other rose and is a marvelous improvement; a vigorous grower, with four large flowers on long stems; an abundant, prolific and continuous bloomer.

Pkt., 25c; ½-oz., \$1.85; 1-oz., \$3.50.

#### Early Duplex Gem

Early Duplex "Gem." Everyone who has seen this novelty has been loud in admiration and praise. The color is soft rose pink flushed on light cream ground.

The flowers are enormous in size yet beautifully frilly. The huge effect comes from the duplexing of the standard and even the wings.

Bear a profusion of blooms on good stems.

Pkt., 25c; ½-oz., \$1.25; oz., \$2.25.

#### Early Duplex Pioneer

Early Duplex "Pioneer." The color is rose pink on cream ground, giving a lovely effect which is greatly added to by the unusual frilliness of the flower. The flowers look double and really are double and sometimes the wings are also double. It is quite common to get four beautiful duplexed flowers on one stem. Pkt., 25c; ½-oz., \$1.25; oz., \$2.25.

### White

**White Harmony**—The stems are long, the flowers are large and pure paper white of grand substance. Four large flowers on each stem; the best white Sweet Pea yet introduced; awarded silver medal. Pkt., 20c; ½-oz., 45c; oz., 80c; ¼-lb., \$2.70.

### Pink

**Superior Pink**—A pleasing shade of glowing pink with a soft suffusion of salmon. Large, beautifully waved flowers. Pkt., 15c; ½-oz., 30c; oz., 50c; ¼-lb., \$1.65.

**Imperial Pink**—A new grand variety with large clear pink blooms and long stems. Pkt., 15c; ½-oz., 35c; oz., 65c; ¼-lb., \$2.20.

### Blush

**Fair Maid**—A blush pink, suffused salmon on a white ground. A beautiful shade. Pkt., 15c; ½-oz., 35c; oz., 65c; ¼-lb., \$2.20.

### Crimson

**Aviator**—Deep rich crimson. A strong and beautiful color. A vigorous grower. Pkt., 15c; ½-oz., 30c; oz., 50c; ¼-lb., \$1.65.

**Queen Crimson**—The brightest and richest of the Early Crimson, large flowers, long stems and good growth. Queen Crimson will be in great demand on account of the brilliant coloring. Pkt., 25c; ½-oz., 35c; oz., 65c; ¼-lb., \$2.20.

### Scarlet

**Grenadier**—The large flowers are a rich Poppy-scarlet. Borne profusely on long stems. Pkt., 15c; ½-oz., 30c; oz., 50c; ¼-lb., \$1.65.

### Rose

**Zvolanek's Rose**—This is a widely known variety with large flowers and bold stems. Color a rich rose. Pkt., 15c; ½-oz., 30c; oz., 50c; ¼-lb., \$1.65.

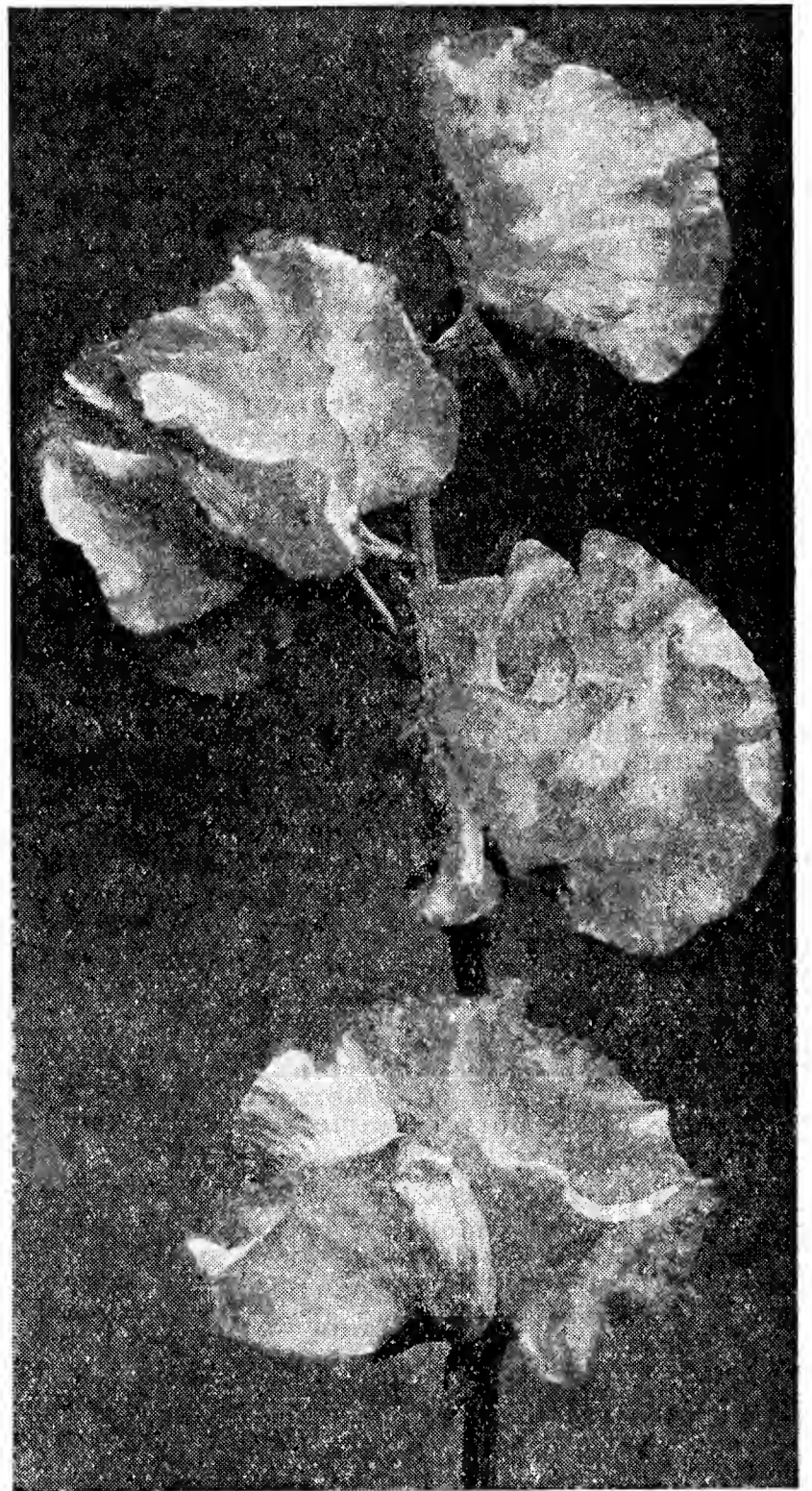
**Chevalier**—A true rose color with just a suspicion of yellow toward the base. Well waved. Pkt., 15c; ½-oz., 30c; oz., 50c; ¼-lb., \$1.65.

### Orange

**Orange King**—The most outstanding orange Sweet Pea. It is a clear intense orange. Pkt., 20c; ½-oz., 35c; oz., 65c; ¼-lb., \$2.20.

### Orange-Scarlet

**Glitters**—The standard is a bright fiery orange, and the wings are deep orange. Pkt., 15c; ½-oz., 30c; oz., 50c; ¼-lb., \$1.65.



Early Flowering Sweet Peas

### Lavender

**Sweet Lavender**—A beautiful shade of lavender. Pkt., 15c; ½-oz., 35c; oz., 65c; ¼-lb., \$2.20.

### Blue

**New Blue**—A charming shade of true blue; a color much in demand. Of great size, excellent form, free blooming, long stemmed, and heavy texture. Pkt., 20c; ½-oz., 35c; oz., 65c; ¼-lb., \$2.20.

**Silver Blue**—The large flowers are a pleasing delicate shade of silver blue. Stems are long and sturdy. For a light blue we feel that those growing Sweet Peas will find Silver Blue a most satisfactory variety. Pkt., 15c; ½-oz., 30c; oz., 55c; ¼-lb., \$1.80.

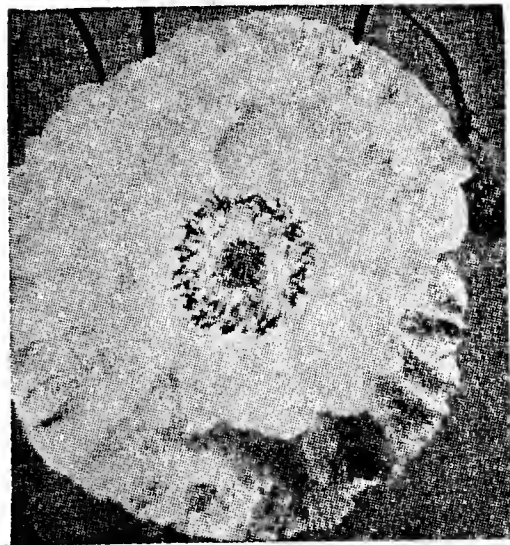
### Purple

**Amethyst**—The color is a rich warm purple, the younger flowers having a slightly softer color tone. Pkt., 15c; ½-oz., 30c; oz., 50c; ¼-lb., \$1.65.

**Early Flowering Spencer Mixed**—A choice mixture of the foregoing named Early Flowering Spencer varieties. Pkt., 10c; ½-oz., 25c; oz., 40c; ¼-lb., \$1.20; ½-lb., \$2.00; lb., \$3.50.

EARLY FLOWERING SWEET PEA COLLECTION—SEE PAGE 73





Shirley Poppies

SINGLE ANNUAL VARIETIES

**Dannebrog or Danish Flag**—Large flowers of brilliant scarlet, with a silvery spot on each petal, forming a white cross. Very showy. Pkt., 5c; ¼-oz., 25c; ½-oz., 35c; oz., 60c.

**Fulip or Glaucum Flowered**—Intense scarlet. The brightest colored of all Poppies. Pkt., 10c; ¼-oz., 25c; ½-oz., 40c; oz., 70c.

**Single Annual**—Mixed colors. Gorgeous colorings, easily grown from seed sown in the open. Pkt., 5c; oz., 25c; ¼-lb., 85c.

**White Shirley**—An exquisite free-flowering variety with single and semi-double flowers; stems 12 inches long. The flower petals are pure white and have a satiny wrinkled finish. Pkt., 10c; ¼-oz., 25c; ½-oz., 35c.

**Pink Shirley**—A free-flowering single Shirley Poppy of a beautiful wild rose color. Grows 12 inches tall. Pkt., 10c; ¼-oz., 25c; ½-oz., 35c; oz., 50c.

**Shirley Mixed**—An extra fine strain. They are single and occasionally semi-double; colors white, pink, rose, carmine, crimson and blood red; many daintily edged and striped. Scarcely any two flowers are alike. Pkt., 10c; ¼-oz., 20c; ½-oz., 30c; oz., 50c.

DOUBLE ANNUAL VARIETIES

These Poppies are very handsome. The flowers grow to an enormous size from 6 to 7 inches in diameter, are as double as Peonies and the colors are very rich and striking.

**Double Carnation or Peony Flowered, Mixed**—Large, full double fringed flowers, 2 feet high. Pkt., 5c; ¼-oz., 20c; ½-oz., 30c; oz., 45c.

**Cardinal Scarlet**—Splendid double fringed flowers. Pkt., 10c; ¼-oz., 25c; ½-oz., 35c; oz., 50c.

**White Swan or White Fringed**—Immense double white flowers, beautifully fringed. Pkt., 10c; ¼-oz., 25c; ½-oz., 35c; oz., 50c.

**Double Salmon Pink**—A beautiful shade and a favorite with all. Pkt., 10c; ¼-oz., 25c; ½-oz., 35c; oz., 50c.

**American Flag**—Beautiful variety; flowers very large and double; snow-white, bordered with scarlet. Pkt., 10c; ¼-oz., 25c; ½-oz., 35c; oz., 50c.

Phlox, Drummondii

(ANNUAL VARIETIES)

Phlox is a very pretty free-flowering annual of quick growth. The coloring is brilliant beyond description. Sow the seed thinly as early in the spring as possible and cover ¼ inch deep. Phlox makes beautiful borders.



**Alba**—Pure white.

**Fireball**—Fine scarlet.

**Isabellina**—Yellow.

**Violet**—With purple eye.

**Lilac**—A bright soft lilac.

**Crimson**—Large well formed heads.

Any of the above, pkt., 10c; ⅛-oz., 30c; ¼-oz., 50c; ½-oz., 85c.

**Peerless Mixed**, pkt., 10c; ⅛-oz., 30c; ¼-oz., 50c; ½-oz., 85c.

**Fine Mixed**, pkt., 5c; ⅛-oz., 25c; ¼-oz., 40c; ½-oz., 70c.

Poppies

Annual Poppies should be sown as early in the Spring as possible; they do not stand transplanting. Sow thinly, barely covering the seed. Press down firmly, and they will soon come up. If picked just before expanded, the flowers will last several days.

Poppies

PERENNIAL VARIETIES

Hardy perennials of easy culture; in bright glowing colors.



True Oriental Poppy

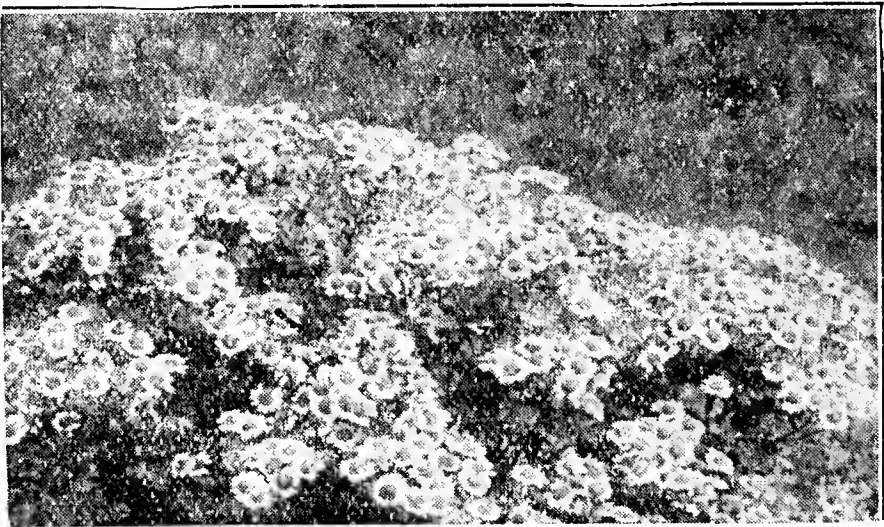
**Oriental—(Papaver Orientale)**—This is the most gorgeous perennial Poppy flowering in June and July, with enormous blossoms, deep crimson, with a conspicuous black blotch on each petal. Transplant carefully in August. Pkt., 10c; ⅛-oz., 30c; ¼-oz., 50c; ½-oz., 85c.

**Oriental Hybrids**—Beautiful hybrids of the Oriental Poppy, producing flowers of immense size, colors ranging from delicate shades of salmon to deep crimson. Mixed, pkt., 10c; ⅛-oz., 35c; ¼-oz., 60c.

**Iceland—Papaver Nudicaule**—Pretty tufted foliage, flowers on long wiry stems in shades of white, yellow, and orange with satiny crinkled petals.

**Yellow, Orange Scarlet, White, or Orange**—Pkt., 10c; ⅛-oz., 35c; ¼-oz., 60c.

**Iceland Poppy**—Mixed. Pkt., 10c; ⅛-oz., 30c; ¼-oz., 50c.



Pyrethrum—"Painted Lady"

Pyrethrum

**Roseum—Single Hybrids Mixed**—A lovely flower of easy culture. They resemble large daisies, but of various shades of pink, deep red and purple, and make a pretty show in the garden, and fine for cut-flowers, having stems 1½ feet long. They are perfectly hardy; 2 feet high. Pkt., 15c; ⅛-oz., 45c.

**Aureum—Golden Feather**—A most desirable dwarf Pyrethrum for edging of borders, with golden yellow foliage. Half-hardy perennial. Six inches. Pkt., 10c; ⅛-oz., 35c.

Phlox, Hardy Perennial, F. Decussata

One of the finest hardy perennials, with extremely large heads of magnificently colored flowers, remaining in bloom during the late summer months. Two to three feet. Requires 3 to 4 months for seed to germinate. Mixed Pkt., 20c; ¼-oz., 85c.

COLLECTION OF PHLOX

Collection contains the following varieties; Alba, Fireball, Violet, Yellow, Lilac, Crimson. One packet each, (value 60c).

POSTPAID FOR 50c



**RICINUS—Castor Oil Bean—(See Page 57)****Salvia or Scarlet Sage**

**Splendens**—A tender perennial blooming the first season from seed. The blossoms are borne on long stems in racemes or spikes and are fragrant. The plant blooms profusely. Two feet. Pkt., 10c; 1/8-oz., 35c; 1/4-oz., 60c; 1/2-oz., \$1.10; oz., \$2.00.

**SWEET SCENTED LAVENDER—See Lavendula****Scabiosa, Mourning Bride or Pincushion Flower****Scabiosa, Mourning Bride or Pincushion Flower**

The beautiful flowers in exquisite shades are borne on long stems. They make effective borders or beds, and no garden is complete without Scabiosa, especially when flowers are wanted for cutting; 2 1/2 feet tall. Hardy annual.

<b>Azure Fairy</b> —Lavender Blue.....	Pkt., 10c; 1/4-oz., 35c
<b>Snowball</b> —Pure white .....	Pkt., 10c; 1/4-oz., 35c
<b>Fiery Scarlet</b> .....	Pkt., 10c; 1/4-oz., 35c
<b>Peach Blossom</b> —Pink .....	Pkt., 10c; 1/4-oz., 40c
<b>Tall Double Mixed</b> .....	Pkt., 10c; 1/4-oz., 30c
<b>Dwarf Choice Mixed</b> .....	Pkt., 5c; 1/4-oz., 25c

**COLLECTION OF SCABIOSA**

One packet each of the above four named varieties: Azure Fairy, Snowball, Fiery Scarlet, Peach Blossom (Value 40c).

**POSTPAID FOR 35c**

**Saponaria**

**Ocymoides**—An unusually pretty border or rock garden plant, producing masses of small bright rose flowers and blooming all during Spring and Summer; 6 inches tall. Hardy perennial. Pkt., 10c; 1/8-oz., 25c; 1/4-oz., 35c; 1/2-oz., 65c.

**SHASTA DAISY—(See Chrysanthemum, Page 57)****SNAPDRAGON—(See Antirrhinum, Page 53)****MOTHER'S GARDEN COLLECTION OF HARDY PERENNIAL FLOWER SEEDS—(See Color Page)****SIBERIAN WALLFLOWER—(See Page 74)****SNOW ON THE MOUNTAIN—(See Euphorbia, Page 61)**

**Caragana, or Siberian Pea Tree**—A very hardy shrub or tree from Siberia, bearing clusters of golden yellow fragrant flowers in immense quantity early in the Spring. Foliage dark green, while the bark is light green or silvery in color, making it very ornamental for hedges. Oz., 30c; 1/4-lb., 85c; 1 lb., \$3.00.

**S. N. & S. CO'S. SPECIAL FLOWER AND VEGETABLE SEED COLLECTIONS—(See Page 74)****SOW S. N. & S. CO'S. WILD FLOWER GARDEN MIXTURE****Salpiglossis, Painted Tongue or Velvet Flower**

One of the greatest favorite annuals, of easy culture; has exceedingly showy flowers of large size. Blooms freely; 2 1/2 feet tall.

**Light Blue and Gold  
Scarlet and Gold  
Velvety Red  
Velvety Violet**

Any of the above, pkt., 10c; 1/8-oz., 30c; 1/4-oz., 50c.

**Finest Mixed**—Pkt., 5c; 1/8-oz., 25c; 1/4-oz., 45c.

**SALPIGLOSSIS COLLECTION**

One packet each of the four Salpiglossis offered above (value 40c) for .....30c

**Salpiglossis****Stocks or Gilliflower**

The stock is one of our very best annuals for bedding purposes or for pot culture. Their wonderful colors and unequalled fragrance make them extremely valuable. Half-hardy annual; 12 to 18 inches. Sow outdoors about May 1st.

**Large Flowering 10-Weeks Stocks**

<b>Blood Red</b> .....	Pkt., 10c
<b>Canary Yellow</b> .....	Pkt., 10c
<b>White</b> .....	Pkt., 10c
<b>Blue</b> .....	Pkt., 10c
<b>Purple</b> .....	Pkt., 10c
<b>Pink</b> .....	Pkt., 10c
<b>Lavender</b> .....	Pkt., 10c

Any above named, 1/8-oz., 50c; 1/4-oz., 90c.

**Mixed** — All colors, pkt., 10c; 1/8-oz., 40c; 1/4-oz., 70c.

**Stocks****STOCK—Evening Scented—(See Mathiola Bicornis)****Virginia Stock or Malcomia Maritima**

An early flowering small flowered annual, largely grown for edging border. Height about 6 inches, and blooms continuously during cool weather; finest mixed. Pkt., 5c; 1/4-oz., 25c; 1/2-oz., 40c.

**Sunflower**

**Mammoth Russian**—Extra large heads. Pkt., 5c; oz., 10c.

**Double Chrysanthemum Flowered**—Hardy annual, growing from 3 to 5 feet. Large densely double golden flowers. Fine long stout stems for cutting. Pkt., 5c; 1/2-oz., 25c; oz., 40c.

**Sanguineus**—Shades of red, purple, and reddish brown combinations; 5 to 6 feet tall. Very showy. Pkt., 10c; 1/2-oz., 30c; oz., 50c.

**VENIDIUM FASTUOSUM—(See Novelties, Page 52)**



**Schizanthus****Schizanthus, Butterfly or Fringe Flower**

Called the "poor man's orchid" on account of their easy culture and resemblance in form and coloring to some of the floral aristocrats. Sown out of doors in Spring where they are to remain, or started inside and transplanted when the weather is suitable. Hardy annual. One to two feet. Mixed. Pkt., 5c; 1/16-oz., 30c; 1/8-oz., 50c; 1/4-oz., 85c.

**Sweet William or Dianthus Barbatus**

A beautiful sweet-scented old-fashioned annual and perennial. Grows one to two feet high and bears its flowers in clusters at the end of a stiff stem. It makes a beautiful bedding plant and is of easy culture.

**Single—Mixed**—The flowers are large, of handsome form and embrace a great variety of extremely rich and beautiful colors. Perennial. Pkt., 5c; 1/8-oz., 25c; 1/4-oz., 40c.

**Annual Flowering, Mixed**—A new strain that blooms the first season. Flowers large, borne in great profusion and in beautifully assorted colors. Pkt., 10c; 1/8-oz., 25c; 1/4-oz., 40c.

**Viola Cornuta (Tufted Pansies)**

While the flowers of the Violas are not so large as the Pansies, yet they bloom very freely and for a longer time. The colors are clear and distinct and very effective in the rock garden.

**Viola—Cornuta Mixed**—Pkt., 10c; 1/8-oz., 40c; 1/4-oz., 70c.

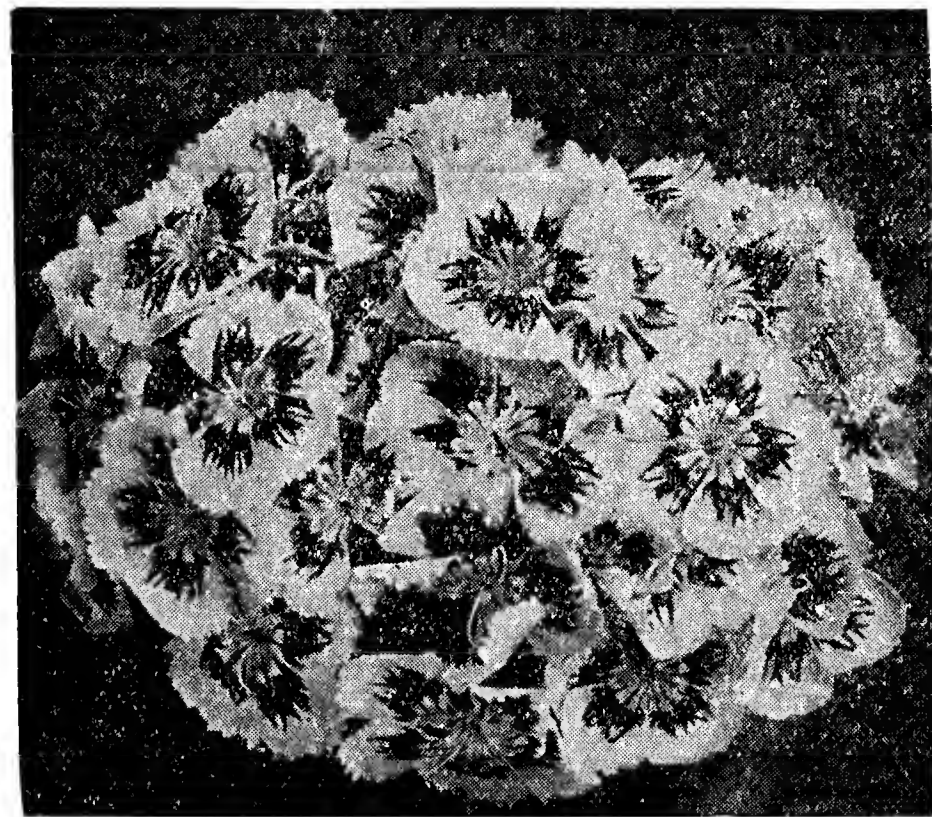
**Vola Odorata (Sweet Scented Violets)**

Every garden should include sweet-scented Violets; dark blue. Pkt., 15c; 1/16-oz., 55c.

**Vinca or Periwinkle**

Dark green, glossy foliage and bright single blossoms of striking beauty; grows 12 inches tall; excellent for beds, borders and window boxes. Seeds are sometimes slow to germinate.

**Mixed Colors**—Pkt., 10c; 1/4-oz., 35c; 1/2-oz., 60c.

**Sweet William****Statice****SWEET ALYSSUM—(See Alyssum)****Thunbergia or Blackeyed Susan**

A beautiful climber, 3 to 5 feet high, with pale yellow or orange-yellow flowers having a black center. Of quick growth, blooming profusely. Tender annual. Pkt., 5c; 1/4-oz., 30c; 1/2-oz., 50c.

**Veronica or Speedwell**

A beautiful species, with rich deep blue flowers. Pkt., 10c.

**Statice Latifolia or Sea Lavender**

These useful plants bear purplish blue everlasting flowers that last a long time after cutting, and are of very easy culture. Hardy perennial. Two feet. Pkt., 10c; 1/8-oz., 40c; 1/4-oz., 70c.

**Strawflowers or Helichrysum**

These flowers, with their rich, bright colorings, are most valuable for Winter bouquets. Keep well cultivated to produce the finest and largest number of flowers. The blooms should be cut as soon as they open, tied in small bunches, and dried slowly in a cool, shady place. Hang the flowers downward.

**Fire Ball**—Fire Ball is a popular variety with rich, bright blooms. They are an intense and vivid crimson. The flowers are large and the brilliancy of the color is retained in the dried flowers.

**Canary Yellow**—A well named variety since the flowers are of almost ball shape and of a rich, golden yellow color. They are borne profusely on strong, robust plants.

**White Queen**—Is a favorite on account of its pure white flowers. The reason for this is that White Queen is most easily dyed to any desired color. The blooms are of largest size and quite double.

**Rose Queen**—The color is a bright and cheerful rose, a shade that is always greatly admired. The blooms are of remarkable size, forming a double flower which never shows a yellow center until it has passed its prime. But even then it is very beautiful, as a fine color contrast.

**Strawflower**

**Violet Queen**—The color is rich violet and intense. Violet Queen has quickly become one of the most favored of all Strawflowers. The dried blooms are particularly rich and life-like.

Any of the above, pkt., 10c; 1/8-oz., 20c; 1/4-oz., 35c; 1/2-oz., 60c.

**Mixed**—Those who have not room enough to grow separate colors will get a fine display from this mixture. Pkt., 5c; 1/8-oz., 20c; 1/4-oz., 30c; 1/2-oz., 50c.

**VENIDIUM FASTUOSUM—(See Novelties, Page 52)****COLLECTION OF STRAWFLOWERS**

We will mail one packet of the five fine Strawflowers (value 50c), postpaid for 45c  
We will mail 1/8-oz. each of these five fine Strawflowers (value \$1.00), postpaid for 75c

Strawflowers Make Beautiful Everlasting Bouquets for the House in Winter





Sweet Rocket

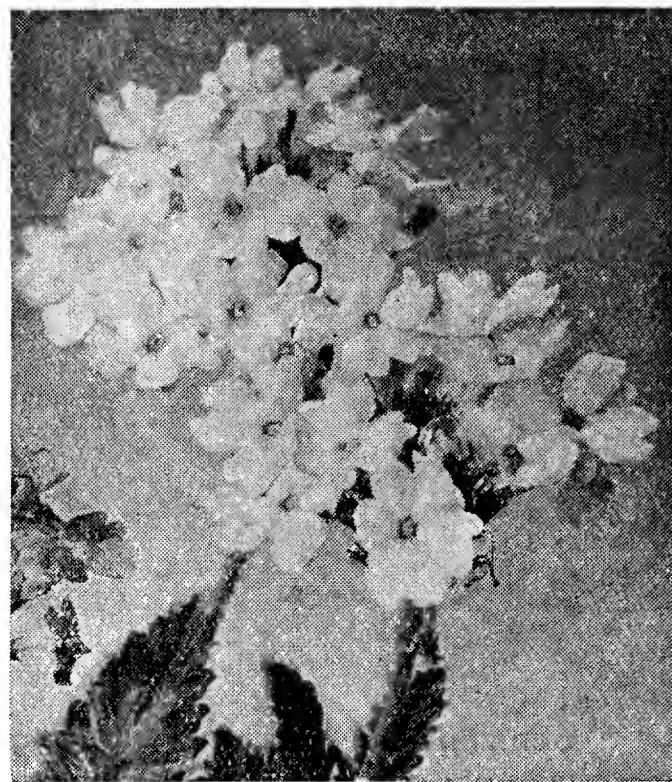
### Sweet Rocket or Hesperis

A hardy perennial growing two feet high. A beautiful fragrant flower of the easiest culture and bearing clusters of white and purple blossoms. Flowers from June to September. Mixed Pkt., 5c; ¼-oz., 25c; ½-oz., 40c; oz., 65c.

### Wild Flower Garden Mixture

These annual flowers can be grown easily. Simply raked in a corner of the garden will make a pretty display of flowers and will resemble a wild flower garden. We have made a mixture of seeds of the hardiest annual flowers that will bloom from early Summer until late in the Fall. These are not wild flowers. Pkt., 5c; oz., 25c; ¼-lb., 70c; ½-lb., \$1.30; 1-lb., \$2.40.

**StimUplant**  
Makes a  
Wonder Garden



Mammoth Verbenas

### GLADIOLUS BULBS—(See Page 60)

#### Wall Flower or Gold Lack

These half-hardy perennial and annual sorts should be sown in Autumn and carried over in coldframe; annual sorts may be sown indoors in March and will flower the first year from seed. Very pretty and fragrant.

**Single Mixed**—Pkt., 5c; 1/16-oz., 20c; ½-oz., 35c.

**Early Paris Market**—A beautiful single golden yellow variety which may be treated as an annual, flowering through the Summer from seed sown in the Spring. Pkt., 10c; 1/16-oz., 25c.

**Blood Red**—This is a much improved and selected stock of the Annual Wallflower brought out some years ago. We have ever since been carefully selecting this, and each year getting nearer to a blood red. Pkt., 10c; 1/16-oz., 25c; ½-oz., 40c.

#### Wall Flower, Siberian

**Cheiranthus Allioni**—This beautiful early-flowering perennial Wallflower has gorgeous orange flowers, and is a splendid little plant for the rock garden or border. Will bloom throughout the Summer if seed-pods are removed. May be sown in the open ground in September where required to flower the following Spring, or will bloom first season from seed, if sown in a hot-bed in March and transplanted outdoors in May. Pkt., 10c; ¼-oz., 35c; ½-oz., 60c.

### MARIGOLD—NEW GUINEA GOLD—(See Page 52)

#### PANSY—NEW SWISS GIANTS (See Pages 18 and 52)

### Verbenas, Mammoth

This distinct and beautiful race is worthy of a place in every garden. The average trusses measure 6 to 8 inches in circumference. They bloom freely, are vigorous in growth and contain beautiful new colors and shades. For garden beds and massing these Verbenas are unrivalled; flowers of the most brilliant colors produced continually from Spring until late in the Autumn. Earlier blooming may be had if plants are started indoors and transplanted in the open ground 12 inches apart, after danger of frost is over. Half hardy perennial, one foot high, usually treated as an annual.

**VERBENAS — MAMMOTH —** Pink, White, Blue Shades, Defiance, brightest scarlet; Firefly, bright red with small white eye; Lutea—Yellow, a unique color among Verbenas. Very fine.

**Any of the above**—Pkt., 10c; ½-oz., 35c; ¼-oz., 60c.

**Fine Mixed**—All colors, pkt., 5c; ½-oz., 30c; ¼-oz., 50c.

**Peerless Mixed**—Embracing a wide range of beautiful colors, the blooms being of mammoth size. Pkt., 10c; ½-oz., 35c; ¼-oz., 60c.

### WOOLFLOWER—(See Celosia Childsil, Page 56)

#### Wisteria

**Sinensis Purple**—One of our most popular hardy climbers. The flowers are abundantly borne in Spring on long drooping racemes of light blue before the leaves appear. Pkt., 10c.

**Sinensis Alba**—White. Pkt., 10c.

#### Wild Cucumber

Ornamental climbing cucumber with curious fruit, remarkable for its luxuriance and rapidity of growth. Sow in the Fall. Pkt., 5c; ½-oz., 20c; oz., 30c; ¼-lb., 95c.

### Beautify Your Home With Flowers From Your Own Garden

#### PERMANENT BEDS AND BORDERS

##### Hardy Flowering Perennials

Antirrhinum	Lavender
Aster	Lupinus
Aquilegia	(Perennial)
Canterbury Bells	Lychnis
Chrysanthemum	Phlox (Hardy)
Coreopsis	Poppy (Hardy)
Delphinium	Pyrethrum
Digitalis	(Hardy)
Gaillardia	Sweet Rocket
Gypsophila	Scabiosa
Hollyhock	Wallflower

#### BACKGROUNDS AND BORDERS Dwarf Border Plants

Alyssum	Daisy, Double
Candytuft	Myosotis
(Hardy)	Pansy
Carnation	Pinks (Hardy)
(Border)	Sweet William

##### Tall Sorts for Backgrounds

Amaranthus	Lupinus
Celosia Plumosa	Marigolds
Cosmos	(African)
Dahlia	Ricinus
Lavatera	Sunflower

#### PARTLY SHADY PLACES

Antirrhinum	Godetia
Aquilegia	Matricaria
Asperula	Mimulus
Canterbury Bells	Myosotis
Coreopsis	(Forget-me-Not)
Clarkia	Nemophila
Daisy, Double	Oenothera
Delphinium	Pansy
Flax, Scarlet	Poppies
Foxglove	Schizanthus

#### HANGING BASKETS, WINDOW BOXES, ETC.

Alyssum	Lobelia
Asparagus	Nasturtium,
Convolvulus	Dwarf
Minor	Petunia
Kenilworth Ivy	Thunbergia

#### FOLIAGE

Celosia	Pyrethrum,
Centaurea	(Golden
Kochia	Feather)
	Ricinus

#### WINTER BOUQUETS

##### Everlastings

Acrolinum	Helichrysum
Celosia	Strawflowers
Statice	

##### CLIMBING VINES

Asparagus	Humulus,
Balloon Vine	Jap-Hop
Canary Vine	Ipomea
Cobea	Kudzu Vine
Convolvulus	Moonflower
Cypress Vine	Morning Glory
Dolichos	Nasturtium,
Gourds,	Tall
Ornamental	Thunbergia
	Wisteria

##### EDGING WALKS, ETC.

Ageratum	Pinks, Chinese
Alyssum	Pyrethrum
Candytuft	(Golden
Lobelia	Feather)
Myosotis	Nasturtium,
(Forget-me-not)	Dwarf
Marigold, Dwarf	Nigella
Phlox, Dwarf	Zinnia, Dwarf



# OUR FAMOUS ZINNIAS

A half hardy annual growing from 1 to 2 feet high. The colors are in great variety and very bright. Probably no flower has such an assortment of shades, tints and colors, and no bedding plant is more effective for a brilliant show. Sow in boxes early and transplant or sow directly in the garden after May first.

## New Dahlia-Flowered

New Dahlia-Flowered Zinnias are distinct. The flowers are of immense size and are made up of many small-sized petals. The individual petals stand well apart, giving an attractive grace and looseness to the flowers. They are strong growers, blooming profusely all during Summer and Fall.

### Zinnia—Dahlia-Flowered OUR TEMPLE MIXTURE

We wish to call special attention to this mixture which is composed of precisely the same variety of seeds as sown by us on the grounds at the Shrine Temple, Helena, and which create such a sensation each year. This mixture contains all the standard and novelty shades in Zinnias and will give very satisfactory results. Large packet 40c; ¼-oz., 50c; ½-oz., 85c; 1 oz., \$1.50.



Zinnia—New Dahlia-Flowered

**Crimson Monarch**—One of the best, with immense flowers. A bright and attractive shade of crimson-scarlet. The blooms are of perfect form; borne in great profusion.

**Exquisite**—The flowers resemble a large Decorative Dahlia. They are a pleasing shade of reddish rose with deeper rose in the center. One of the most attractive of this type.

**Golden State**—Rich golden yellow shading to orange as the flower ages. Blooms are large, of true Dahlia form, borne on long stems.

**Scarlet Flame**—Rich orange-scarlet. A dazzling color; is one of the brightest, always attracting attention. Blooms profusely.

**Dream**—The large flowers are a distinct shade of deep lavender, shading to purple as they age. A free bloomer of strong and sturdy growth.

**Polar Bear**—The finest of all White Zinnias. The flowers are of great size and pure in color. The flowers are borne with a wonderful profusion on fine strong stems.

**Oriole**—This variety seems to be particularly popular. A bright glistening orange shaded with liquid gold. As the flowers age they show a coppery cast, but the effect is beautiful at all times.

Any of these Dahlia-Flowered Zinnias—Pkt., 20c; 1/16-oz., 30c; ⅛-oz., 50c; ¼-oz., 85c; oz., \$2.75.

**Dahlia-Flowered Mixture**—This is a complete mixture of Dahlia-flowered Zinnias, including all the above separate colors and many other beautiful and rich shades. Pkt., 15c; ⅛-oz., 35c; ¼-oz., 60c; ½-oz., \$1.00; oz., \$1.75.

**Zinnia—Robusta or Giant Mammoth—Tall Double**—White, Flesh, Scarlet, Yellow, Crimson, Deep Rose, Purple, Burnt Orange.

Any of the above, pkt., 10c; ¼-oz., 40c; ½-oz., 70c; oz., \$1.15.

**Zinnia—Tall Double—Mammoth Mixed.** Pkt., 10c; ¼-oz., 35c; ½-oz., 60c; oz., \$1.00.

### COLLECTION OF GIANT MAMMOTH ZINNIA

This collection contains one packet each of Giant White, Flesh, Crimson, Burnt Orange. It will be mailed to any address postpaid for **35¢**

**OR COLLECTION OF THE EIGHT NAMED VARIETIES** (Value 80c) postpaid for **65¢**

**Zinnia Elegans—Dwarf Double Mixed**—Pkt., 5c; ¼-oz., 30c; ½-oz., 55c.

**Luminosa—New**—Bright deep pink with a light suffusion of salmon; an entirely new shade. Pkt., 25c; ⅛-oz., 75c; ¼-oz., \$1.25; ½-oz., \$2.25.

### COLLECTION OF DAHLIA-FLOWERED ZINNIAS

This collection contains one packet of the six separate colors of Dahlia-flowered Zinnias described above. It will be mailed to any address, postpaid, for **\$1.00**

The early Flowering Type of Sweet Peas are most valuable for our Northern States. They are now in great demand for early Spring blooming, coming into flower three to four weeks earlier than the Summer flowering varieties. A very acceptable gift. The collection contains the following eight varieties:

- Amethyst**—Rich warm purple.
- Fair Maid**—Blush pink on a white ground.
- Grenadier**—Rich poppy scarlet.
- Chevalier**—True rose color. Waved.

- Aviator**—Finest large orange-scarlet flower.
- Sweet Lavender**—Beautiful shade of lavender.
- New Blue**—A charming shade of true blue.
- White Harmony**—Large waved pure white.

One packet each of these eight fine Early Flowering Sweet Peas (value \$1.30) will be sent postpaid to any address for **\$1.10**

One-half ounce each of these eight fine Early Flowering Sweet Peas (value \$2.70) will be sent postpaid to any address for **\$2.50**

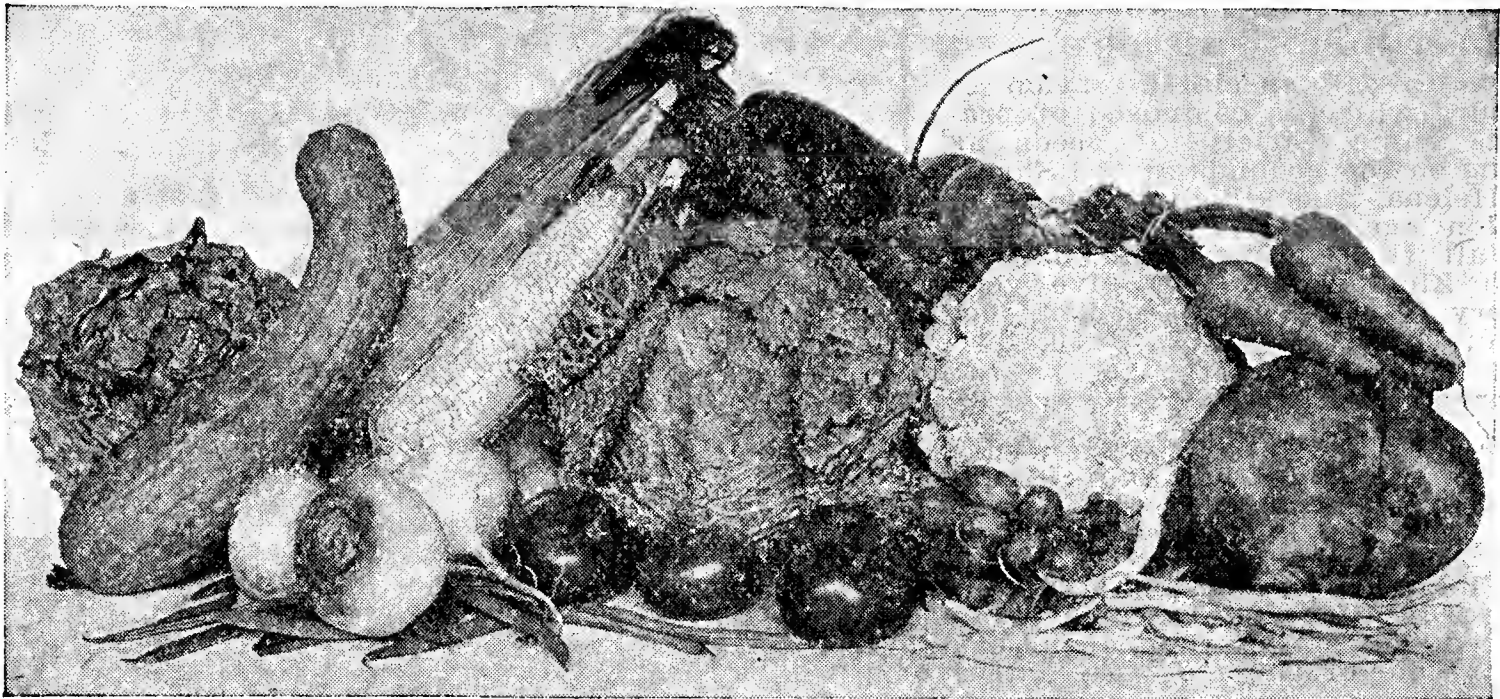


COLLECTIONS OF FLOWER AND VEGETABLE SEEDS

Every one loves to "grow things." Doctors advise that we eat more vegetables; that we grow the food we eat. Vegetables are healthful. They contain vitamins. Digging, hoeing and planting furnish the finest kind of exercise. No vegetables are like those gathered fresh from the garden. The time spent in the garden is an actual gain in health and money saved.

Many people think that seeds can only be planted successfully during the Spring months of April and May. The wide-awake planter sows "successive crops" throughout the Summer of Beets, Carrots, Endive, Lettuce, Peas, Radishes, Spinach, etc. A space 50x50 will produce more vegetables than the average family can consume and if purchased would exceed \$60.00 to \$100.00. Therefore the cost of the family's food can be reduced by having your own vegetable garden. Flowers also make the home more enjoyable.

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State Nursery & Seed Company's Money Saving Collections

The Collections Offered on This Page Cannot Be Changed Under Any Circumstances. Please Do Not Ask It

School Girls Flower Seed Collection

Secure this collection for your daughters; encourage them to take an interest in the garden and make the home beautiful. One packet each of the following:

- |                      |                    |
|----------------------|--------------------|
| Asters, Finest Mixed | Mignonette, Sweet  |
| Calliopsis           | Nasturtiums, Mixed |
| California Poppy     | Pansy              |
| Marigold             | Sweet Peas         |

All For 25c Postpaid

City Garden Collection

- |                         |                         |
|-------------------------|-------------------------|
| Beans, Early Yellow Wax | Onion, Red              |
| Beans, Early Green Pod  | Parsnip                 |
| Beet, Early Round Red   | Peas, Early             |
| Cabbage, Early          | Peas, Medium            |
| Carrot, Early           | Radish, Early Round Red |
| Corn, Sweet, Early      | Radish, Long            |
| Cucumber, Early         | Tomato, Early           |
| Lettuce, Loose Leaf     | Turnip, Early           |

1 Pkt. Each—16 Large Size Packets for Only 50c POSTPAID

School Boys Vegetable Collection

Secure this collection for your boys. Give them a garden of their own and watch the interest they will take; encourage them. One packet each of the following:

- |                       |                         |
|-----------------------|-------------------------|
| Beet, Early Round Red | Onion, Red              |
| Beans, Yellow Wax     | Radish, Early Round Red |
| Cabbage, Early        | Carrot, Early           |

All For 25c Postpaid

Garden Beautiful Collection

- |                    |                   |
|--------------------|-------------------|
| Asters, Fine Mixed | Marigold, Mixed   |
| Ageratum           | Mignonette        |
| Alyssum            | Nigella           |
| Balsam             | Poppy, Mixed      |
| Candytuft          | Phlox, Mixed      |
| Morning Glory      | Nasturtium, Mixed |
| California Poppy   | Pansy, Mixed      |

1 Pkt. Each Above Varieties and 1/2-oz. Sweet Peas, Spencer Mixed

The above collection will give you a continuous show of beautiful flowers from early Spring until late Fall.

FOR 50c POSTPAID

Our Famous Montana Collection

- |                          |                         |                          |
|--------------------------|-------------------------|--------------------------|
| Beans, Golden Wax        | Lettuce, May King       | Radish, Extra Early Saxa |
| Beet, Early Blood Turnip | Onion, Mountain Danvers | Radish, White Icicle     |
| Carrot, Pride of Denmark | Peas, Little Gem        | Tomato, Market King      |

One packet each of the above varieties (value 85c) mailed to any address, postpaid, for 75c

Farm Garden Collection For \$1.50

- |                            |                            |                             |
|----------------------------|----------------------------|-----------------------------|
| 1 Pkt. Beet, Round Red     | 1 Pkt. Parsnip             | 1 Pkt. Radish, Round Red    |
| 1/2 Lb. Beans, Yellow Wax  | 1 Pkt. Cauliflower         | 1 Pkt. Radish, Long         |
| 1/2 Lb. Beans, Green Pod   | 1 Pkt. Lettuce, Loose Leaf | 1 Pkt. Turnip, Early        |
| 1 Pkt. Cabbage, Early      | 1 Pkt. Lettuce, Head       | 1 Pkt. Tomato, Early        |
| 1 Pkt. Carrot, Medium      | 1 Pkt. Muskmelon, Early    | 1 Pkt. Rutabaga, Purple Top |
| 1/2 Lb. Corn, Sweet, Early | 1 Pkt. Onion, Red          | 1 Pkt. Parsley              |
| 1 Pkt. Cucumber, Early     | 1 Pkt. Onion, Yellow       | 1/2 Lb. Peas, Early Dwarf   |
|                            |                            | 1/2 Lb. Peas, Medium        |

This collection of 17 large size pkts. and 5 1/2-lbs. sufficient for a family garden. All for \$1.50, postpaid

OUR GARDEN SEED COLLECTIONS WILL SAVE YOU MONEY



S. N. & S. CO'S.  
PEERLESS

VEGETABLE SEEDS

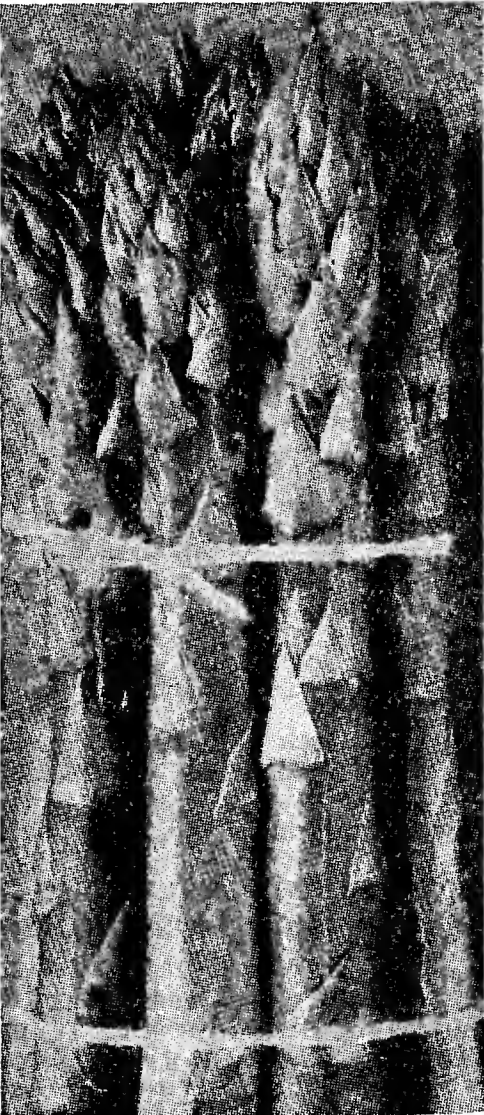
TESTED  
SEEDS

ALL VEGETABLE SEEDS ARE POSTPAID UNLESS OTHERWISE NOTED

In our vast Seed Testing Grounds all of our Vegetable Seeds are tested and tried and only after exhibiting all the factors that bring them as near perfection as possible are they offered to you, our friends and customers, as State Nursery and Seed Company's PEERLESS SEEDS.

The maintenance of our Seed Testing Grounds which assures you of only the best Seeds is a service which only a few of the very largest seed houses in America offer, and added to this you have our forty-three years of experience in Montana and the Northwest, something which no other firm can offer you.

Asparagus



Asparagus

tinge, and very fine flavor; of vigorous growth. Pkt., 5c; oz., 15c; 1/4-lb., 35c; lb., \$1.25.

**Washington—Giant Rustproof**—The Washington is a rust-resistant, vigorous, high-yielding strain of Giant Asparagus. Plants grow rapidly and produce uniformly long shoots of superior table qualities. It produces large straight shoots of a dark green color. The tips are tight and firm and do not open out or begin to branch until well out of the ground; a very valuable feature. Pkt., 10c; oz., 25c; 1/4-lb., 60c; lb., \$1.50.

**Palmetto**—The plants are strong and vigorous in growth, producing large, thick, dark green shoots, with a distinctly pointed head or tip. Pkt., 5c; oz., 15c; 1/4-lb., 35c; lb., \$1.25.

ASPARAGUS ROOTS—(See Page 48)

OUR LITTLE PRUNING  
BOOK

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each, postpaid, 25c.

HOT KAPS—(See Page 130)

Feed everything you  
grow

VIGORO  
Specially prepared plant food

1 oz. to 50 feet  
of drill.  
5 lbs. to the acre.  
Ger.—Spargel.  
Scand.—Asparges.

Sow early in the Spring in drills 2 inches deep and 12 inches apart if to be cultivated by hand. When the plants are one or two years old transplant to rows 5 feet apart, and 18 inches apart in the row. Cover the soil 4 to 5 inches deep with well rotted manure and disc well—then plow as deep as possible and harrow. Turn furrows 5 feet apart, about 6 inches deep. Place plants in rows about 18 inches apart, with roots well spread out. Turn a light furrow back over them and level by cross harrowing.

**Conover's Colossal**  
—A favorite in our western market, having a pink

Asparagus Knife



This Asparagus Knife is made of the best steel; cutting edges are hardened and tempered to stand rough usage. Used also as digger and weeder for long tap-rooted weeds such as dandelions. Each, 45c; postpaid, 53c.

Dwarf Shell Beans

Shell Beans are grown exclusively to use as dried beans during Winter. The food value of dry beans is very high. Sow 16 to 24 lbs. to the acre.

**Great Northern Navy**—This variety is especially adapted to Montana soil and climate, and is being grown in increasing quantity each season. In our opinion it leads all other varieties of Navy Beans. Its flavor and tenderness as a baked bean are "par excellence." Pkt., 5c; 1/2-lb., 15c; lb., 25c; 2 lbs., 40c.

FOR LARGER QUANTITIES—(See Field Seeds)

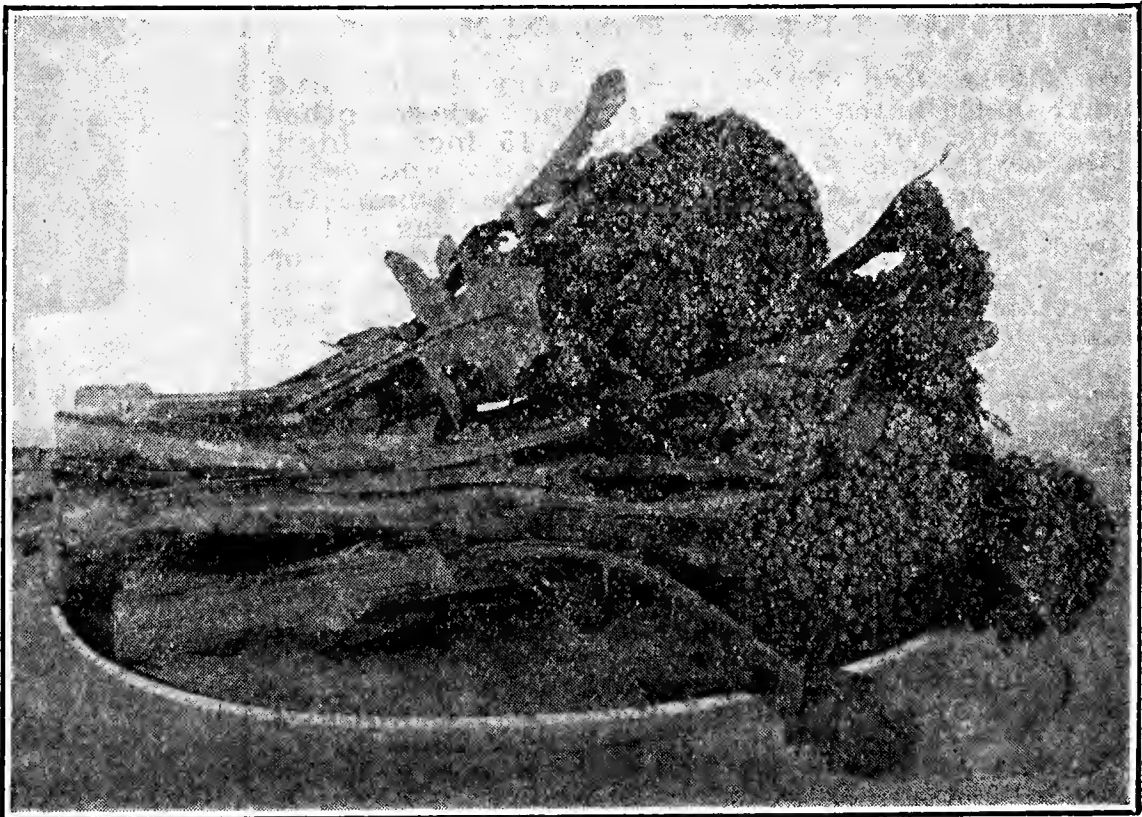
Broccoli or Winter Cauliflower

1/4-oz. to 100 feet of drill—2 to 3 ozs. to the acre  
Ger.—Sparcekoehl. Scand.—Broccoli-kaal.  
(One ounce will produce about 3,000 plants)

Sow the first week in May in drills 2 to 4 inches apart, covering seeds lightly. When the leaves are about three inches broad, transplant to prepared beds 2 feet apart each way. Resembles Cauliflower; cultivation the same.

**BROCCOLI—Snow White—150 days**—Pure white color; heads medium size, close and compact. Pkt., 10c; 1/2-oz., 40c; oz., 75c; 1/4-lb., \$2.50.

**BROCCOLI — Green Sprouting** — This delicious Italian vegetable has become a great favorite in this country; does not make solid heads but produces an abundance of green, tender sprouts with loose flower heads at the ends which can be cut off and cooked like spinach or brussels sprouts. The sprouting Broccoli provides delicious, healthful, boiling greens during Summer, Autumn and early Winter. A continuous supply may be had for a long time; cut when the buds begin to burst into flower. Sow in May. Pkt., 10c; 1/2-oz., 45c; oz., 75c; 1/4-lb., \$2.75.



Broccoli—Green Sprouting

ALL VEGETABLE SEEDS IN QUANTITIES OFFERED DELIVERED FREE TO DESTINATION



**INOCULATE THIS  
SEED WITH  
STIMUGERM**

## BEANS

**INOCULATE THIS  
SEED WITH  
STIMUGERM**

### DWARF OR BUSH; GREEN PODDED VARIETIES

(THE FIVE BEST GREEN PODDED BEANS FOR MONTANA)

NOTICE—If ordered alone add for mailing, 8c per ½-pound, 10c per pound, and 15c per 2 pounds



**Bountiful**

**Bountiful**—This excellent dwarf, green podded sort is similar in appearance to Early Yellow Six weeks but is of much better quality. The vines are vigorous and productive. The pods are very long, six to seven inches, straight, broad, flat, light green, of handsome appearance and absolutely stringless. They are tender and brittle. The pods are longer, broader, and have much longer tips than those of Long Yellow Six Weeks. Kidney shaped, light yellow with brownish circle about eye. Bountiful is a most desirable early sort. 62 days. Pkt., 5c; ½-lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25.

**Full Measure**—A fine stringless bean of splendid melting quality. The round pods are very fleshy, and dark green in color; 6 inches long, fine grained and of good flavor. Excellent for the table and for preserving, very prolific. Pkt., 5c; ½-lb., 20c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25.

**Stringless Green Pod**—Remains tender and crisp a long time. Pods are pale green, long and round, meaty and of excellent flavor. The plants have a spreading habit of growth and produce large quantities of pods which are very uniform both in size and shape. 65 days. Pkt., 5c; ½-lb., 25c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25.

**Extra Early Red Valentine**—Is very hardy and early, germinates in cold ground where other sorts would rot. Vines are about 15 inches high, yield well; pods are round and fleshy and eaten when young are of good quality. The demand for a hardy early bean of good quality has established a reputation for this excellent sort. For market garden and home use it is an easy winner. 45 days. Pkt., 5c; ½-lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25.

#### PLANT A GARDEN

Do you know that it doesn't require much space to raise vegetables enough for your family?

All it requires to guarantee to you and your family nice, fresh, crisp radishes, onions, peas, lettuce, beets, carrots, turnips, spinach, cabbage and a world of other good healthy food is a few selected seeds, a little time devoted to healthful exercise and there you are—a big saving in the family budget.



**Feltham Prolific**

**Feltham Prolific**

**"THE GREATEST PRODUCER YET INTRODUCED"—A MARVEL OF PRODUCTIVENESS**

**Feltham Prolific**—Is a dwarf green bean and one of the heaviest croppers yet introduced. It produces a mass of medium sized, rich green fleshy pods which are very crisp, and stringless. As the seed is small they do not quickly show through the pods. This is a great advantage as many other varieties age so quickly if allowed to go a few days too long. "Feltham Prolific" is remarkably quick in growth. Try this sweet and delicious bean. They are really wonderful. Pkt., 10c; ½-lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.50.



**Extra Early Red Valentine**

NOTICE—On Beans in lots of 10 lbs. or more of one variety deduct 5c per lb. when ordering by express or freight. NOT PREPAID.

WE LIKE TO HAVE VISITORS—THEY ARE OUR BEST ADVERTISERS



INOCULATE THIS  
SEED WITH  
STIMUGERM

BEANS

INOCULATE THIS  
SEED WITH  
STIMUGERM

(2 lbs. to 100 feet in drill, or 150 hills; 120 lbs. to the acre, in drills)

Beans require a light friable soil with plenty of moisture. In the garden, the soil should be made mellow and rich, and kept so. For garden, a succession of sowings can be made from the first week in May until the middle of June. Sow in rows 18 to 24 inches apart and cover from 1 to 2 inches deep, but not more. Keep the pods picked and the vines well watered and the beans will continue bearing much longer than if allowed to dry up. Hoe the rows occasionally. For farm crop, plant about 25 pounds per acre in rows 36 inches apart.

DWARF, OR BUSH, WAX OR YELLOW PODDED VARIETIES

THE SIX BEST YELLOW PODDED BEANS FOR MONTANA

NOTICE—If ordered alone add for mailing, 8c per ½-lb., 10 cts. per lb., 15c per 2 lbs.

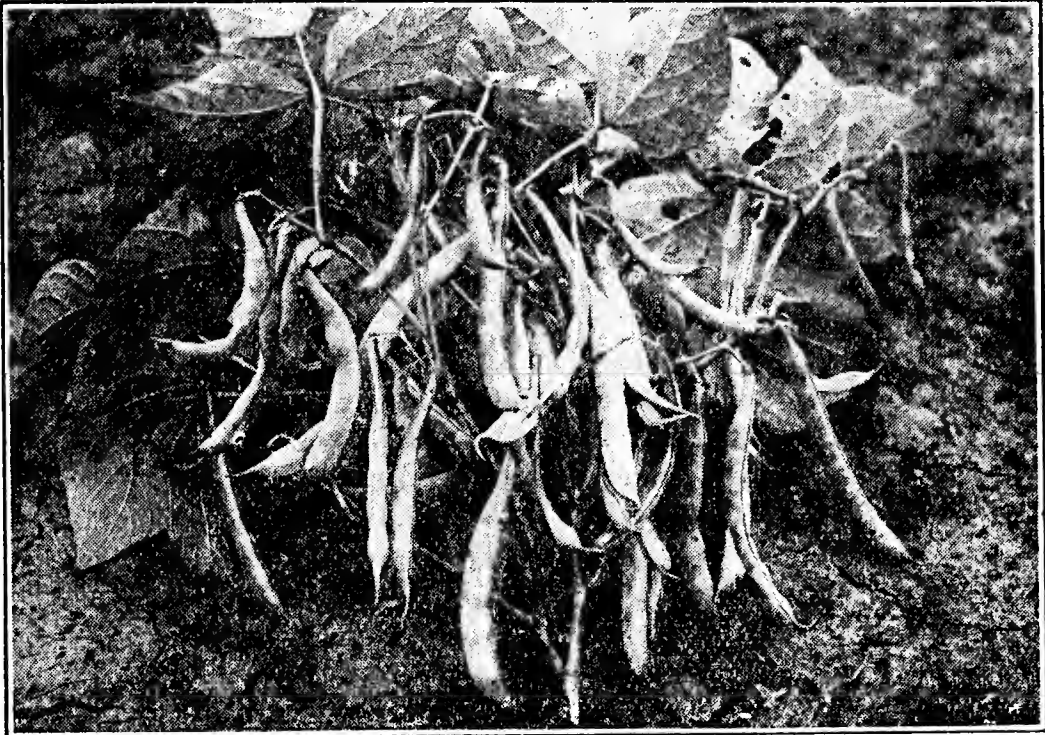
**Early Wonder Wax**—It is loaded with pods, five to seven inches long; flat, plump, handsome and meaty, of a clear, waxy yellow color. The pods are tender, brittle and of fine texture. We claim this is the earliest wax-podded Bean. Practically rust-proof; a bountiful yielder, in bearing for long season, it is an ideal Bean for the home and market gardener. It seems determined to yield a crop in good weather or bad. It is a real money maker for the market gardener. 55 days. Pkt., 5c; ½-lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.50.

**Improved Golden Wax**—Probably the best known of all Wax Beans; it is an ideal Wax Bean; very prolific. Thick fleshed, pods flat and stringless. 60 days. Pkt., 5c; ½-lb., 20c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25.

**Sure Crop Stringless Wax**—Very much resembles Bountiful in the sturdy character and disease-resistant constitution of its plants. It also starts bearing within 60 days after seeds are sown, but if anything its bearing season is longer. The pods average 6 to 7 inches long, are very meaty, flat but thick through, and we have never found a stringy specimen. In common with most black-seeded varieties, Sure Crop Stringless Wax is very hardy and may therefore be planted several days earlier than the light seeded varieties. 65 days. Pkt., 5c; ½-lb., 20c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25.

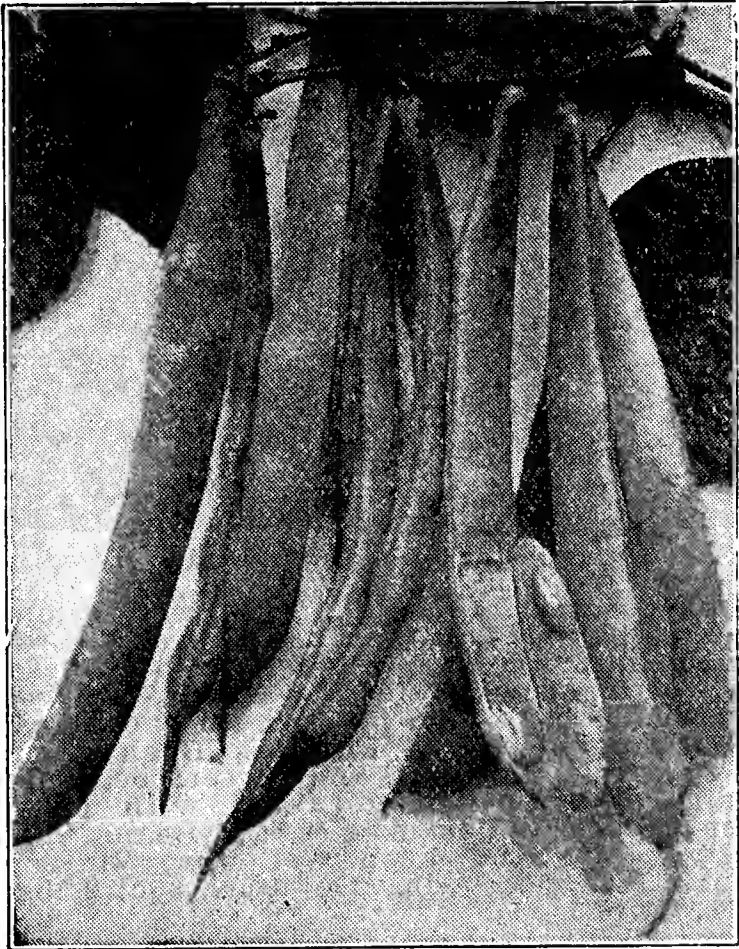
**Davis White Wax—Extra Early**—This is also called the Davis White Kidney Wax. It is a well known variety. The plants are very hardy and productive and is a handsome wax-podded white seeded intermediate sort. The plants are very vigorous. The pods are remarkably long, about six inches, sometimes longer. They are handsome, light yellow, straight, very attractive and are crisp and tender. The dry beans are excellent for baking. Seed medium large, clear white and kidney shaped. 55 days. Pkt., 5c; ½-lb., 20c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25.

**Brittle Stringless Wax**—“A very popular Bean”—Without a doubt the earliest of all Wax Beans, also a great cropper, very hardy and extremely prolific; the pods are round, fleshy and entirely stringless, often measuring 4½ to 6 inches long. They are of fine flavor, solid and tender. The pods have white seeds, showing only a small black dot at the eye, and when allowed to ripen fully make an excellent shell bean. Pkt., 5c; ½-lb., 20c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25.



Black Wax—Pencil Pod

**Black Wax—Pencil Pod**—Is the most satisfactory of the early dwarf Wax Beans. Of dwarf, bushy growth, about fifteen inches high, large luxuriant foliage, beneath which in great clusters will be found an enormous crop of beautiful straight yellow pods six to seven inches long, well rounded, deeply “saddle backed,” meaty and solid clear through; they are brittle, of rich, mild flavor, and entirely stringless. An early sure cropper; of the finest quality. 65 days. Pkt., 5c; ½-lb., 20c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25.



Brittle Stringless Wax



Sure Crop Stringless Wax

We handle a complete line of Planet Jr. Seeders and Cultivators; also Barker Weeder Mulcher and Cultivator. Also a complete line of small garden tools for the garden. See last pages of Catalog.

On Beans in lots of 10 lbs. or more of one variety deduct 5c per lb. when ordering by express or freight. NOT PREPAID.

SEE OUR LIST OF ROCK GARDEN PLANTS, PAGES 33 AND 34



**INOCULATE THIS  
SEED WITH  
STIMUGERM**

## BEANS---Pole or Running

**INOCULATE THIS  
SEED WITH  
STIMUGERM**

**NOTICE**—If ordered alone add for mailing, 8c per ½-pound, 10c per pound, and 15c per 2 pounds

Pole Beans yield more heavily than the dwarf varieties, bearing an abundance of fleshy, tender Beans. They are more sensitive to cold and wet and should be planted later. About the middle of May plant four to six Beans around each pole, setting poles four feet apart each way.

**Kentucky Wonder or Old Homestead—Green Pod**—An early and productive variety bearing a fine crop of large green Beans 7 to 9 inches long. Pods are saddle backed, very fleshy, thick, tender and brittle and of good quality, hanging in large clusters from the top to the bottom of the pole. Very prolific; 80 days. Pkt., 5c; ½-lb., 20c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25.

**Kentucky Wonder Wax—Yellow Pod**—The best pole wax Bean for Northern planting. It is similar in habit of growth to "Kentucky Green Pod" and bears as early. Pods are beautiful golden-yellow, and so fleshy that often the thickness surpasses the width; make delicious eating. Pkt., 5c; ½-lb., 25c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25.

**Scarlet Runner**—An English Bean of great merit; very tender and sweet; also grown as ornamental flowering vine for trellises. Pkt., 5c; ½-lb., 30c; 1 lb., 50c; 2 lbs., 90c; 5 lbs., \$2.00.

### S. N. & S. CO'S. COMPLETE VEGETABLE SEED COLLECTIONS

On page 74 we offer several collections of choice Vegetable Seeds, suitable for gardens of various sizes, and each containing a careful selection of reliable standard sorts in well-balanced quantities.

**NOTICE**—On Beans in lots of 10 lbs. or more of one variety, deduct 5c per lb. when ordering by express or freight. **NOT PREPAID.**

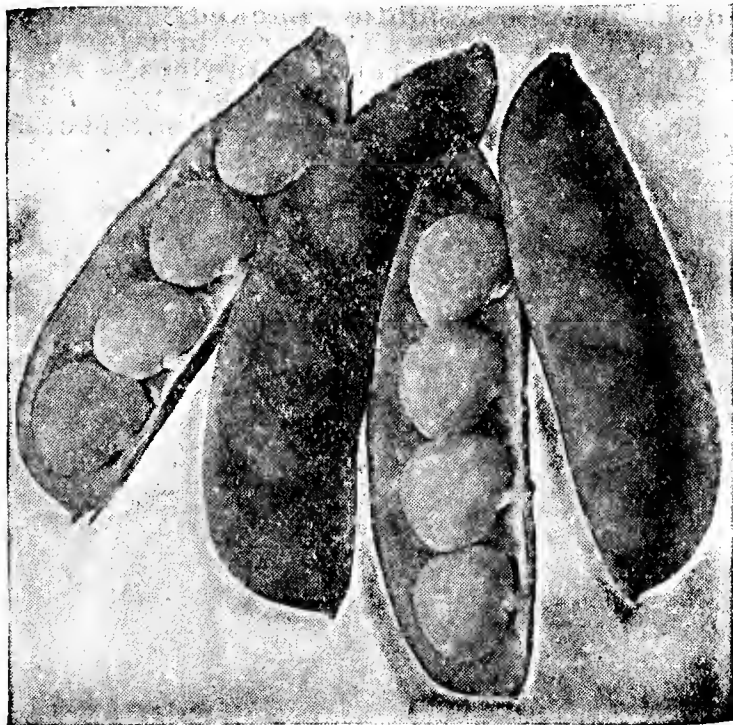


Kentucky Wonder or Old Homestead

### Beans,—Bush Lima

(One pound will plant 50 feet of row)

Lima Beans are very susceptible to cold and the seed must not be planted until the ground has become thoroughly warm. The end of May is usually safe. Plant the seed edgewise (eye down) 6 inches apart in the row and cover two inches deep with fine soil. They should be sown on well enriched ground.



Henderson's Bush Lima

**Henderson's Bush Lima**—This variety belongs to the small Limas, known as Carolina or Sieva Lima Beans. On account of their hardiness they are worth growing in the North, where they will mature early and produce an enormous crop. A week earlier than Burpee's Bush Lima and the flavor is delicious and sweet; bear tremendously, each pod being filled with flat light green Beans. When mature, the Beans are practically white and keep well for Winter shell Beans. Pkt., 5c; ½-lb., 25c; 1 lb., 35c; 2 lbs., 65c; 5 lbs., \$1.40.

**Burpee's Bush Lima**—Are early and of stout growth and always erect, yet branching so vigorously that each plant develops into a rounded bush from 2 to 3 feet in diameter and from 18 to 24 inches tall. Pods are uniform in size with an average of five large Beans to a pod. They are thin-skinned and of fine flavor. They are immense yielders. The pods are borne in clusters and are easily gathered. Pkt., 5c; ½-lb., 20c; 1 lb., 35c; 2 lbs., 65c; 5 lbs., \$1.40.

**English or Broad Windsor**—This Bean is very hardy. Plant as soon as the soil is in good condition. Plant four inches apart and 2 inches deep in drills three feet apart, to insure well filled pods; pinch off the tops as soon as pods begin to set. 65 days. Pkt., 5c; ½-lb., 25c; 1 lb., 45c; 2 lbs., 80c.

### LIMA BEANS FOR COOKING ONLY

1 lb., 15c, postpaid, 25c; 2 lbs., 24c, postpaid, 37c; 5 lbs., 50c, postpaid, 69c.



Burpee's Bush Lima



**StimUplanT**  
Makes a  
Wonder Garden

## TABLE BEETS

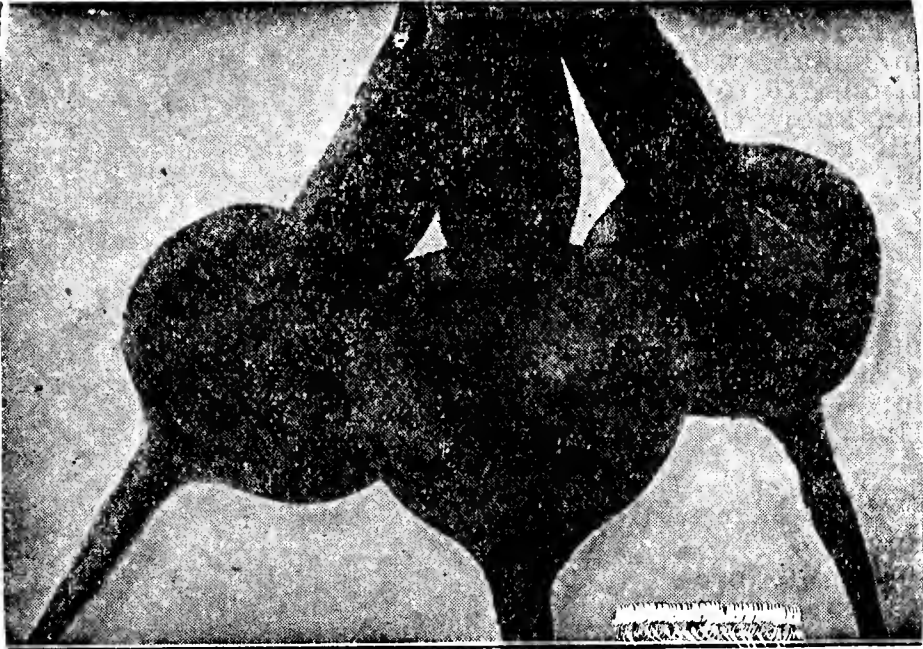
**StimUplanT**  
Makes a  
Wonder Garden

EAT WHEN YOUNG DIRECT FROM YOUR OWN GARDEN

Ger.—Rube.

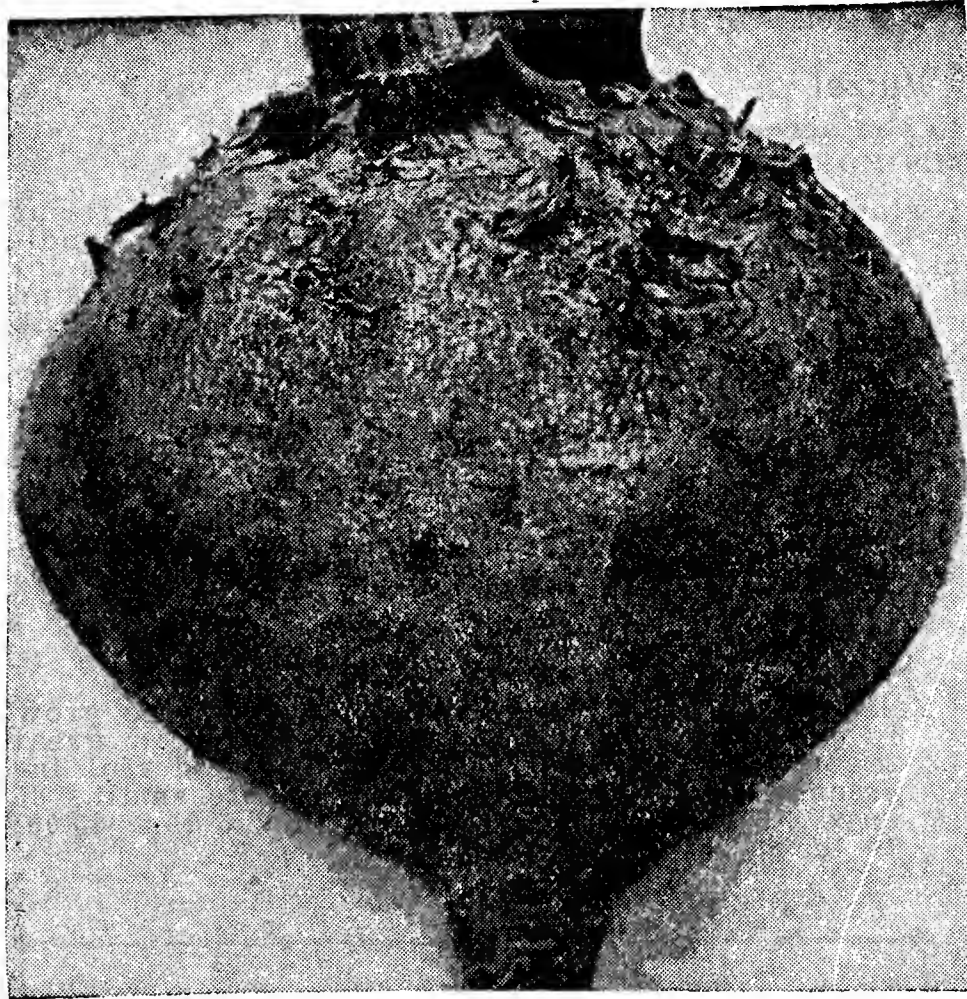
Scand.—Rodebede.

**HOW TO PLANT**—The soil should be rich and deeply plowed. Sow in rows 14 to 20 inches apart and about 1 to 1½ inches deep. As soon as the plants have the fifth and sixth leaf, thin to one plant each 3 inches apart. Then irrigate. Cultivate often and do not water again until absolutely necessary as the soil will dry from the surface down and the top roots will follow. Cultivate once a week for best results. Keep clean and remember that cultivation is the next thing necessary after the best seeds and the two are necessary for success. (One ounce to 100 feet of drill, 5 to 6 lbs. per acre, in drills; 15 to 20 lbs. to the acre broadcast.)



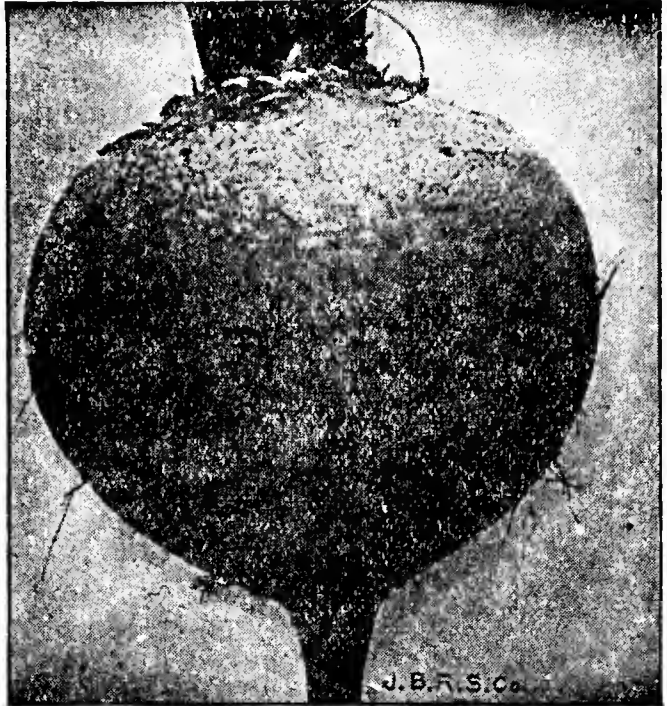
Beet—Early Wonder

**Early Wonder or Boston Crosby—(35 Days)**—This new variety is extremely early, deep red, tender and sweet. One of the earliest and most perfectly shaped Beets. Its small-sized top and small, clean tap root, make it desirable. Its attractive appearance, uniformity of size, shape and color, and excellent keeping qualities have created a splendid demand for this sort. Grown very extensively for late Fall sowing, as it matures two weeks earlier than any other desirable Beet. We urge that you give it a trial. Pkt., 5c; oz., 20c; ¼-lb., 45c; lb., \$1.00.



Beet—Crimson Globe

**Crimson Globe**—It is very symmetrical, with small tap root, and but few fibrous roots; color outside is deep blood-red; inside layers of blood-red; light-grained and unsurpassed in quality. One sowing only is necessary to produce Beets for market and main crop for Winter use. Very tender and sweet. 45 days. Pkt., 5c; oz., 15c; ¼-lb., 30c; lb., 90c.



Beet—Detroit Dark Red

**Detroit Dark Red**—The roots are globular or ovoid. They are smooth and have but little tops. The skin is blood-red and the flesh dark red lined with a lighter shade. The flesh is tender and the flavor decidedly sweet. A popular favorite for canning because of its extra deep dark red color. 50 days. Pkt., 5c; oz., 15c; ¼-lb., 30c; lb., 85c.

**Early Blood Turnip**—An extra selected stock of blood Turnip, having larger tops and root than Detroit Dark Red and requiring a longer time to mature. The roots are dark red, slightly flattened. The flesh is deep red, zoned with lighter shade, sweet, crisp and tender. This is an excellent market and home garden sort for Summer and Autumn use. 50 days. Pkt., 5c; oz., 15c; ¼-lb., 30c; lb., 85c.

**Extra Early Egyptian**—This is the best variety for forcing. It is also excellent for first early crop outdoors, being very early, with small tops. The leaves are dark green shaded and veined with dark red. The roots are very dark red, moderately thick, a little rounded on top, distinctly flat on the bottom and about two inches in diameter when mature. The flesh is dark red, zoned lighter shade; firm, crisp and tender. 40 days. Pkt., 5c; oz., 15c; ¼-lb., 30c; lb., 90c.

**Half Long Blood**—An excellent main crop Beet. Roots deep red in color and always symmetrical and smooth. In quality it is sweet, crisp and tender, and is an enormous cropper and a reliable Winter keeper. It is a heavy Beet without being hard to pull. It never becomes woody and is always good for table use or stock food, whether pulled young or old. 60 days. Pkt., 5c; oz., 15c; ¼-lb., 30c; lb., 90c.

## HOT CAPS

“WEE” HOT HOUSES

NEW METHOD OF PLANT PROTECTION  
TO MARKET 3 WEEKS EARLIER

SEE PAGE 130

Hammond's Slug Shot

KILLS CABBAGE AND CAULIFLOWER WORMS  
SEE INDEX UNDER INSECTICIDES

SOW EARLY BEET EVERY TWO WEEKS, TO INSURE A SUPPLY OF TENDER ROOTS



### OUR LITTLE PRUNING BOOK

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each, postpaid, 25c.

## SUGAR BEETS

FOR SUGAR MAKING

### OUR LITTLE PRUNING BOOK

Clear and concise methods of pruning fruit trees, small fruits, trees, hedges, vines, roses, etc. Each, postpaid, 25c.

5 to 6 pounds per acre in drills. 15 to 20 pounds per acre broadcast

Sugar Beets are not as heavy yielders as the Mangels but are of superior quality containing a larger amount of sugar. They are excellent for feeding cows, improving wonderfully the quality and quantity of the milk. Sugar Beets require deep, well enriched soil. The seed should be sown in drills 2 to 2½ feet apart, and covered 1 to 1½ inches deep, any time during April, May or June. Thin the plants carefully to stand 8 inches apart in the row.



**Klein's Wanzlebener  
Sugar Beet**

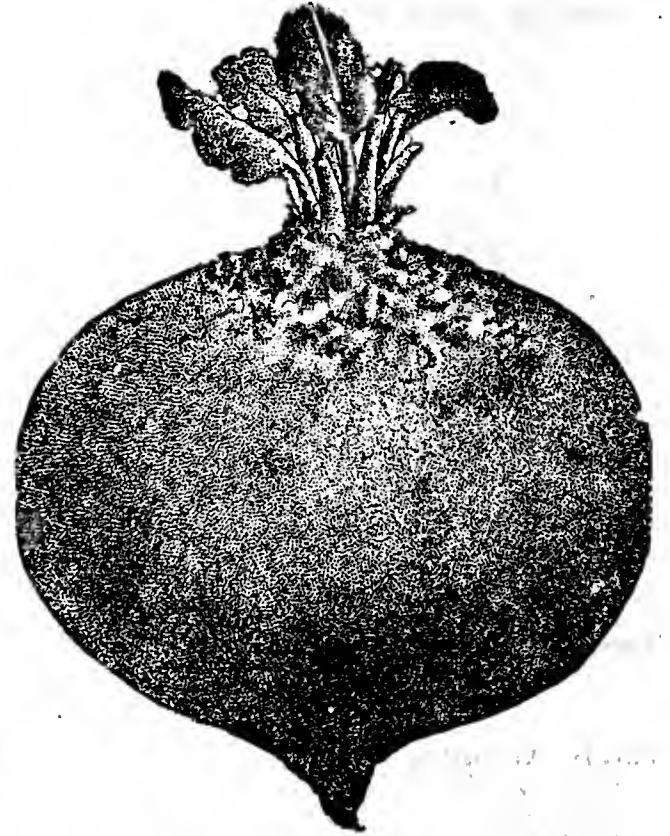
**Klein's Wanzlebener**—Has rather long slender root, very rich in sugar; will yield under average conditions, 16 tons to the acre. All stockmen know that sugar makes fat, and will realize its value as a stock food. 80 days. Pkt., 5c; ¼-lb., 20c; lb., 55c; 5 lbs., \$2.25; 10 lbs., \$4.25.

**Vilmorin's Improved**—This French variety is popular with sugar beet growers; contains a large percentage of sugar and requires less water than others. 80 days. Pkt., 5c; ¼-lb., 20c; lb., 55c; 5 lbs., \$2.25; 10 lbs., \$4.25.

### Half Sugar and Half Mangel

For Stock Feeding

The ground should be thoroughly prepared and made firm and mellow, same as for Mangels. Seeding and cultivation should be continued in much the same manner except that they should be thinned out 6 to 8 inches in the row. The Giant Feeding Sugar Beets or Half Sugar Mangels are especially valuable for feeding stock as they give a feed of much greater nutritive value than Mangels.



**Mangel Wurzel—Yellow Globe**

**Giant Feeding or Half Sugar White Mangel**—The most valuable of all for stock feeding, very heavy yielder, the favorite with stock feeders, very easily pulled, growing half out of the ground. White flesh, green top. Pkt., 5c; ¼-lb., 20c; lb., 55c; 5 lbs., \$2.25; 10 lbs., \$4.25.

**Giant Feeding or Half Sugar Rose Mangel**—A magnificent sort, growing at least half out of the ground, rendering the crop easy to gather. Skin of the upper part is rose colored, and the lower part white. Flesh white, rose top. Pkt., 5c; ¼-lb., 20c; lb., 55c; 5 lbs., \$2.25; 10 lbs., \$4.25.

### Mangel Wurzel

5 or 6 lbs. to the acre

#### THE FOUR BEST MANGELS FOR STOCK FEEDING

Root crops are a great necessity for all kinds of stock, also chickens. Root feeding gives tissue building substance to the body, and acts as a tonic, keeping the digestive organs in a healthy condition. Root crops should be regularly fed to all stock. Results will show in appearance, also in increased weight, and will enrich and increase the milk. The ground should be thoroughly prepared, and made firm and mellow. Sow in April and May in drills 2 to 3 feet apart. When 4 to 5 inches high thin to 12 to 15 inches apart.

**Mammoth Long Red**—This variety produces the largest yield of any kind of Mangel. The quality of the roots for feeding is high. The roots grow very large and keep well. They are quite long, light red in color and grow well out of the ground so are easily harvested. Pkt., 5c; ¼-lb., 25c; lb., 55c; 5 lbs., \$2.25; 10 lbs., \$4.25.

**Danish Sludstrup**—Is considered the best of all Mangels. In color it is reddish-yellow. It contains the largest per cent of nutriment found in any sort. It is very hardy, grows well above the ground and is easily pulled. Pkt., 5c; ¼-lb., 20c; lb., 55c; 5 lbs., \$2.25; 10 lbs., \$4.25.

#### GROW MANGELS FOR POULTRY FEEDING

Mangels are as good for poultry feeding as for stock, and should be fed regularly in Winter, when no other green feed is available. Mangels help furnish a balanced ration, and keep the hens healthy, stimulating the production of eggs, just when prices are highest. They cost but little, in money and labor, and often yield 15 to 20 tons of succulent roots per acre.

Chop or cut the roots and green tops, and feed with grain, at the rate of 25 lbs. for 100 hens per day.

Write for Price on 25-lb. Lots and Larger Quantities

**Golden Tankard**—A distinct variety, particularly valuable on account of its richness in saccharine matter, and highly prized by dairymen for its milk-producing qualities. The flesh, which is of a distinct deep yellow, is very sweet and tender. The large roots are oval in shape, and therefore will pull easier. 90 days. Pkt., 5c; ¼-lb., 20c; lb., 55c; 5 lbs., \$2.25; 10 lbs., \$4.25.

**Yellow Globe**—An especially good variety to grow if one has a limited supply of water; a great favorite for dairymen, making a wonderful increase in milk; easy to pull; tops are small. 85 days. Pkt., 5c; ¼-lb., 25c; lb., 65c; 5 lbs., \$3.00; 10 lbs., \$5.50.

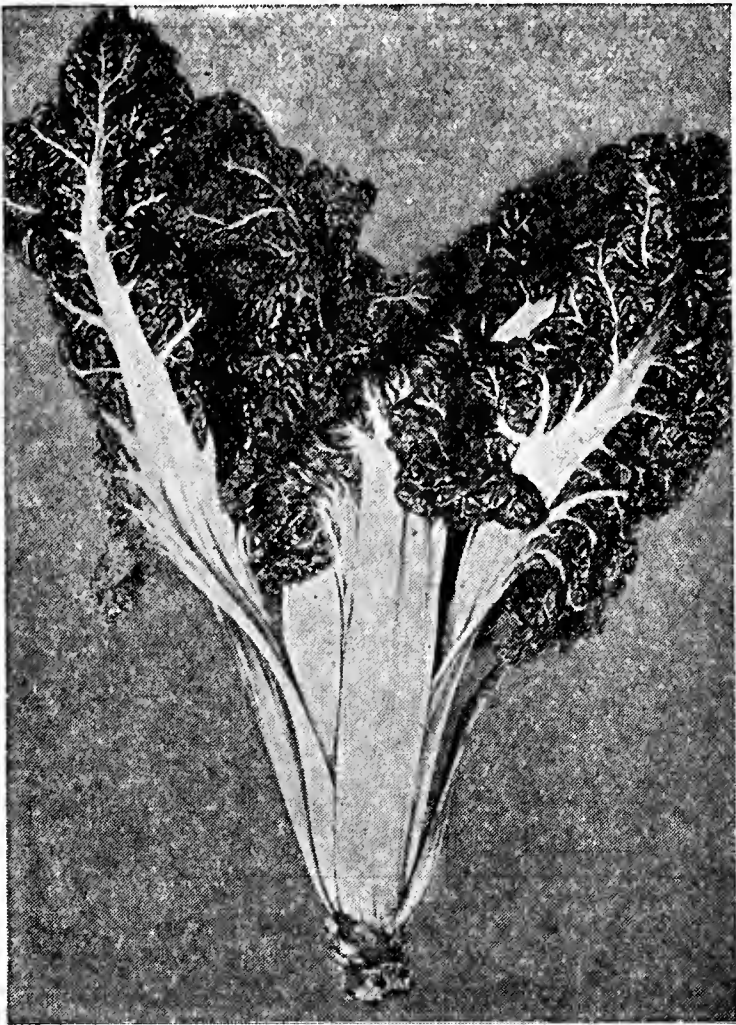
**SWEET PEA NOVELTIES**  
SEE PAGE 65

**FLOWER AND VEGETABLE SEED COLLECTIONS—SEE PAGE 75**

**FOR SEED POTATOES**  
SEE FIELD SEED SECTION

OUR FRUIT TREE AND SHELTERBELT COLLECTIONS WILL SAVE YOU MONEY.





Swiss Chard

Chicory

**Whitloof or "French Endive"**—Seed sown in May or June produces roots which, when taken up and placed in sand in a warm dark place, throw out tender white sprouts which are used as salad. Often called French "Endive." Pkt., 10c; oz., 25c; ¼-lb., 65c; lb., \$2.00.

**Swiss Chard**  
Ger.—Briskohl. Scan.—Bladbed.  
2 ozs. to 100 feet of drill  
**Swiss Chard or Spinach Beet—Lucullus**—Is a delicious vegetable and easily grown. Swiss Chard is used extensively as greens or in the same manner as Asparagus, when only the rib is eaten. Also cooked like spinach. The outer leaves should either be cut off or pulled off when young, and may be picked continuously from June until frost, for when leaves are cut others take their places rapidly. 30 days. Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., 95c.

**Brussels Sprouts**  
Ger.—Rosenkohl. Scand.—Rosenkaal.



Brussels Sprouts

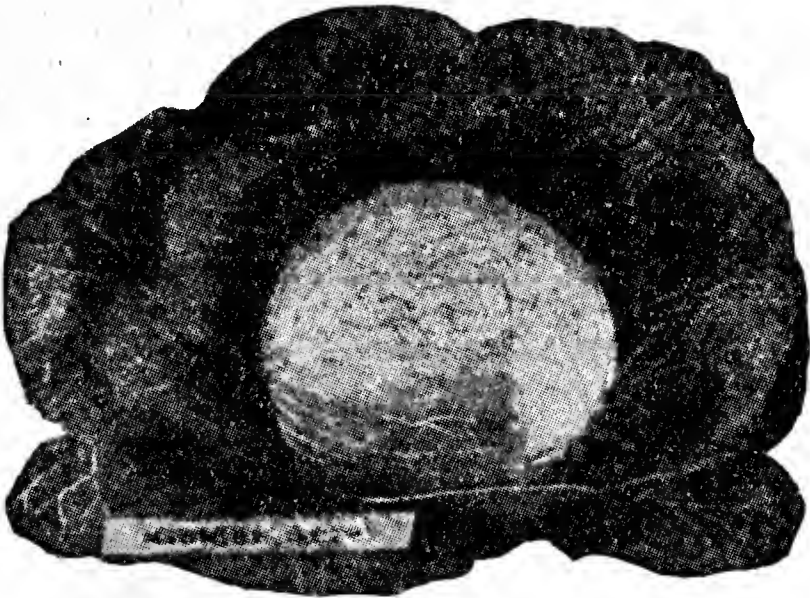
**Brussels Sprouts** — Species of cabbage. One ounce will produce about 3,000 plants. A packet 200 plants. It affords fresh green sprouts in the Fall. The cabbage-like heads which grow upon the stem are improved by a moderate frost. Sow in hot beds in March or April and in the open ground in May; cultivate same as cabbage.

**Improved Half Dwarf**—An improved variety growing about 20 inches high; produces sprouts in abundance; cut out head of plant when sprouts have formed. 25 days. Pkt., 5c; oz., 35c; ¼-lb., \$1.00.

CABBAGE

Ger.—Kohl-Kraut. Scand.—Kaal.  
One ounce will produce 3,000 plants; one-quarter pound will produce plants for one acre; ¼-oz. to 100 feet of drill.  
The soil should be deep and rich. For early crop grow plants in hot beds, transplanting to cold frames and then after danger of freezing to the open ground. Cultivate often and keep well watered. For late crops sow seed in open ground and transplant, or in hills where wanted and thin to one.

Extra Early Varieties



Earliest of All

**Earliest of All**—Is the earliest hard heading Cabbage in cultivation. It combines earliness with solidity, good size, delicious flavor, tenderness and productiveness. It has produced fine marketable heads in 70 days from the sowing of the seed; very compact with few outer leaves, permitting close planting. It is a great money maker for the market gardeners and valuable for the home garden. Pkt., 10c; ½-oz., 25c; oz., 40c; ¼-lb., \$1.25; lb., \$4.50.

**Extra Early Winningstadt—A Medium Size Pointed Head which is Firm and Solid**—A fine header; will stand more frost, drought, wet, insects and diseases than any other early Cabbage. Plants very compact, with short thick leaves. Heads regular, conical and very hard. It is the largest of the pointed varieties. 90 days. Pkt., 5c; ½-oz., 20c; oz., 30c; ¼-lb., 85c; lb., \$2.75.

CABBAGE PLANTS—(See Page 49)

**Early Jersey Wakefield**—One of the finest types of early Cabbage. Produces uniform, pointed heads. The outer leaves form a protection for the heads which enables them to be set out earlier than other sorts. Usually matures in 80 days. Pkt., 5c; ½-oz., 20c; oz., 30c; ¼-lb., 85c; 1 lb., \$2.35.

**Copenhagen Market**—A very early variety. It is the finest large, round-headed early Cabbage in cultivation. The heads average about ten pounds each in weight, are hard and solid and with small core. The quality is extra fine and sweet. It matures as early as the Wakefield and will yield more to the acre in weight. It is a short-stemmed variety, the heads nearly resting on the ground. The leaves are light green, rather small, saucer-shaped and tightly folded, making it possible to set them close together in the field. 85 days. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00; lb., \$3.50.

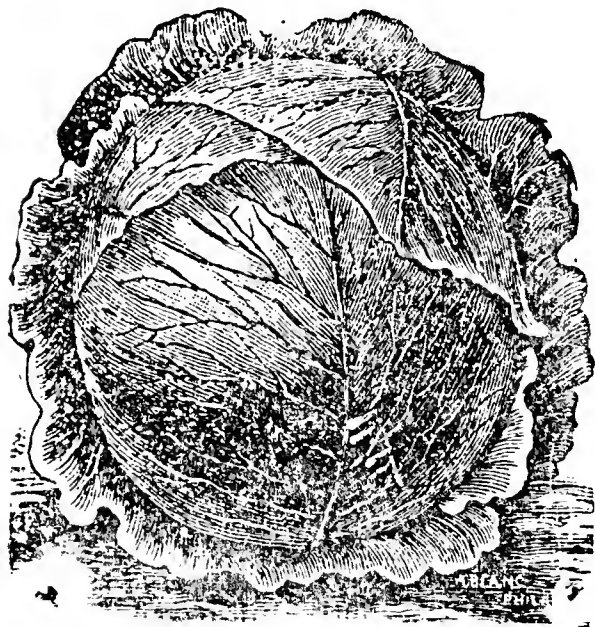


Cabbage—Copenhagen Market



**Golden Acre**—An extra early variety; heads medium size, very solid and uniform. Matures even earlier than Early Jersey Wakefield. Produces a tightly folded, round head of superb quality with few outer leaves, suitable for close planting. Pkt., 10c; ½-oz., 25c; oz., 40c; ¼-lb., \$1.25; lb., \$4.50.

### Second Early Variety



Cabbage—Early Summer

**Early Summer**—A reliable second early Cabbage, maturing about ten days after Jersey Wakefield. Makes a large, solid, flat-tish head, with short outer leaves, which enables close planting, and is a good keeper. It matures soon after the pointed head sorts, and is valuable for a second crop. It is suited to all sections. 110 days. Pkt., 5c; ½-oz., 20c; oz., 35c; ¼-lb., \$1.00; lb., \$3.00.

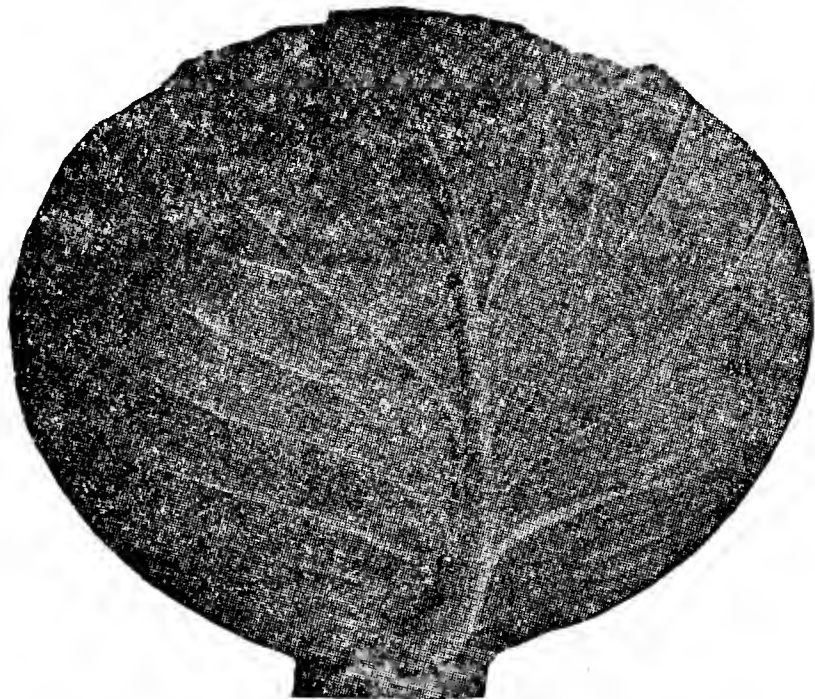
### Late or Winter Varieties



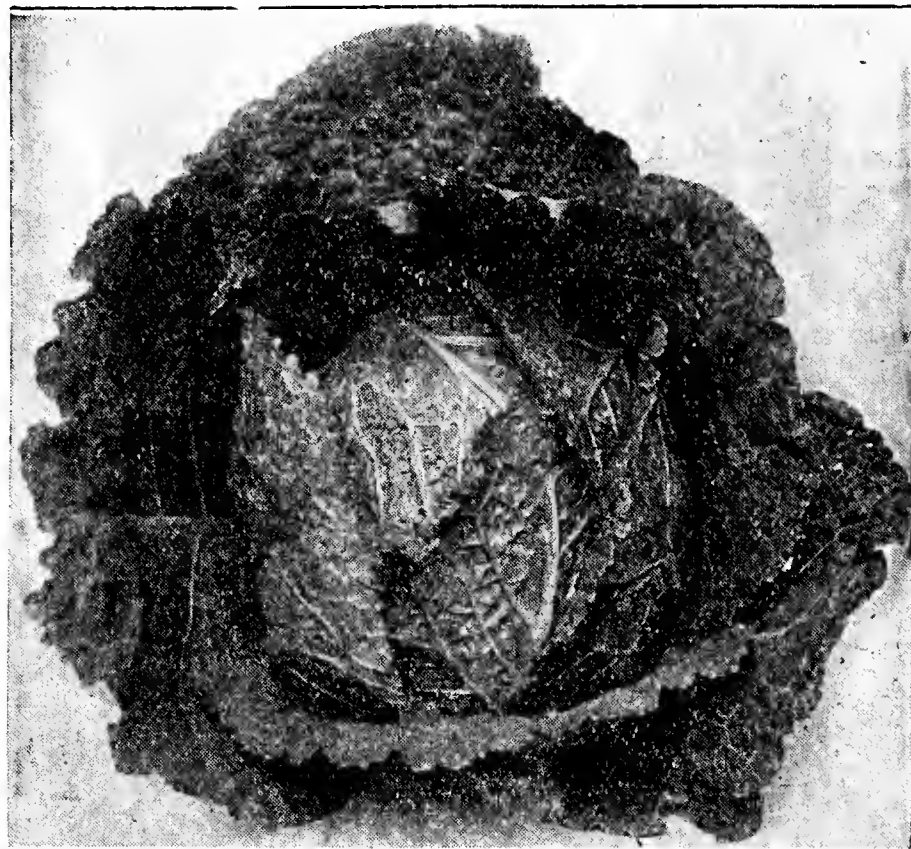
Cabbage—Large Late Flat Dutch

**Large Late Flat Dutch**—A low-growing variety, heads large bluish green, round, solid, broad and flat on top; an excellent Fall and Winter variety, and a good keeper. It is a sure header. 120 days. Pkt., 5c; ½-oz., 20c; oz., 30c; ¼-lb., 90c; lb., \$2.50.

**Hollander or Danish Ballhead**—Very solid, of fine quality. Plants vigorous, compact and exceedingly hardy in resisting cold and dry weather; leaves large, thick, bluish green. Heads medium sized, round, very solid, and stands shipment better than any other late sort. 120 days. Pkt., 5c; ½-oz., 20c; oz., 35c; ¼-lb., \$1.00; lb., \$3.25.



Cabbage—Hollander or Danish Ballhead



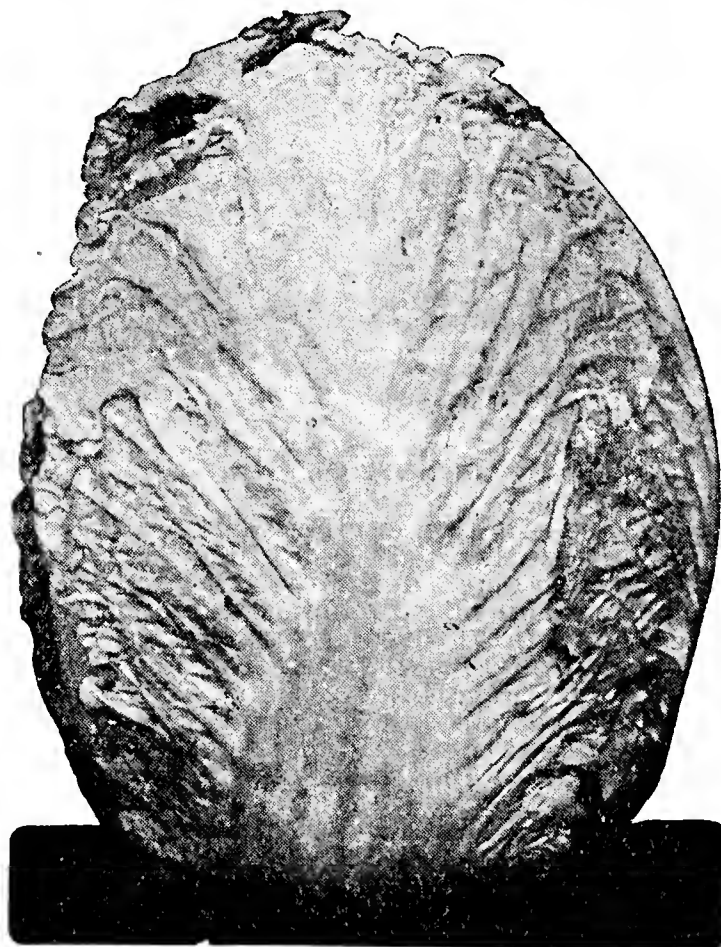
Cabbage—Drumhead Savoy

**Drumhead Savoy**—The plants are vigorous, of medium size, with rather short stem and are sure heading; the outer leaves are medium large, thick, fleshy and uniformly crumpled; the heads are large, nearly round, sweet and tender. 110 days. Pkt., 5c; ½-oz., 20c; oz., 35c; ¼-lb., 90c; lb., \$3.00.

**Danish Roundhead—(Short Stem)**—The heads of this variety are larger than the Danish Ballhead, grows larger and has a shorter stem; the interior leaves blanch white; very solid and exceedingly crisp and tender and of excellent flavor. 115 days. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00; lb., \$3.25.

**Red Rock**—The largest variety of Red Cabbage, and produces heads which are remarkably solid. The heads are round, very solid, will keep for a long time. It is the best and most attractive Red Cabbage grown. Fine for pickling. 120 days. Pkt., 5c; ½-oz., 20c; oz., 35c; ¼-lb., \$1.00; lb., \$3.00.

**Chinese Pe Tsai or Celery Cabbage**—Grows somewhat like the Cos Lettuce. Boiled and seasoned with butter it makes a most delectable dish, and is splendid for salads. Sow later than ordinary Cabbage, as too early sowings have a tendency to run to seed too quickly. 75 days. Pkt., 10c; ½-oz., 20c; oz., 35c; ¼-lb., 95c; lb., \$3.00.



Chinese Pe Tsai or Celery Cabbage  
Blanched Head

OUR NEW SWEET PEA COLLECTIONS WILL SURPRISE YOU



## Carrot

Ger.—Mochre.

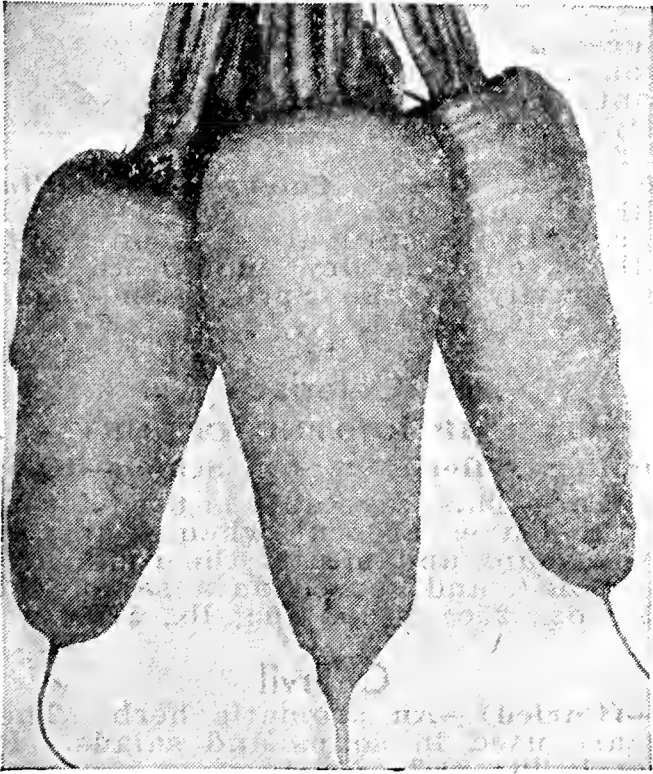
Scand.—Gulrod.

(One oz. to 100 feet of drill; 3 to 4 lbs. to the acre)

Good sandy loam is best adapted for Carrots of all varieties. The shorter varieties, however, can be sown on heavier soil with good results.

**Early French Forcing or Golden Ball**—It is an excellent Carrot for forcing as well as for an early supply from the garden. Small roots, 1½ inches in diameter, tender and of fine flavor. Rich orange skin and flesh. 50 days. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., \$1.25.

**Early Scarlet Horn or Short Horn**—One of the most popular early varieties for market or home. The roots measure 1½ inches in diameter and about 3 inches in length. They are a rich deep orange color and of sweet flavor. 55 days. Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.00.



Carrot—Oxheart or Guerande

**Oxheart or Guerande**—Medium early, bright orange color, fine grained and sweet; one of the best table varieties. Can be pulled by hand; well suited to heavy soils, but will thrive equally well in other situations. 70 days. Pkt., 5c; oz., 25c; ¼-lb., 50c; lb., \$1.25.

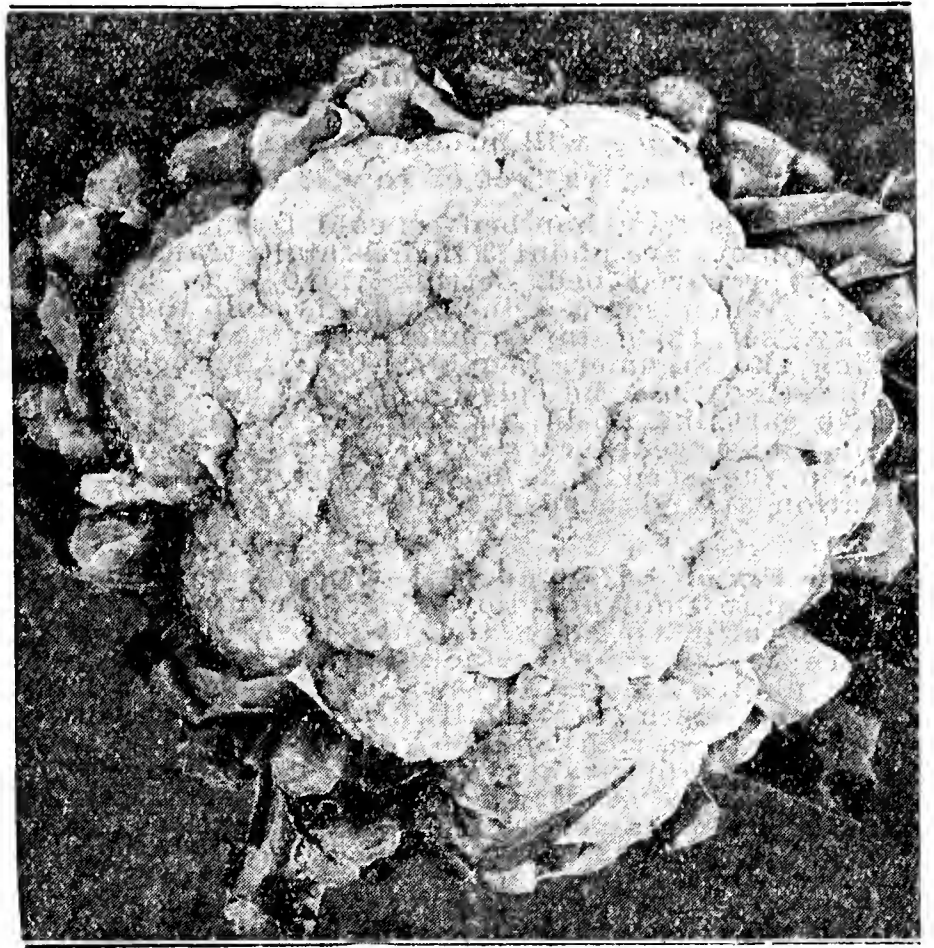
**Early Chantenay or Model**—A most excellent medium early, half long variety. The tops are medium sized with small neck. The roots are thick, six inches in length, uniformly half long or stump rooted but tapering slightly; smooth, deep orange-red color. The flesh is very crisp and tender. Variety is extensively used for bunching. 65 days. Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.00.

**Danvers Half Long**—A standard variety and one of the heaviest croppers. Color dark orange, very thick shoulder, of a most excellent quality. Length 7 to 7½ inches. 75 days. Pkt., 5c; oz., 20c; ¼-lb., 40c; lb., \$1.00.

**Improved Long Orange**—This is a variety of the largest size. The roots are uniform in size and smooth. Of gradually tapering shape, holding their thickness well throughout the length; rich, deep orange color. It is a good keeper of fine quality for Winter use. 80 days. Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.00.

**Pride of Denmark**—Is an admirable Carrot for storing and shipping, holding to a remarkable degree its fine flavor, tenderness and crispness. The long roots (6 to 8 inches) are absolutely smooth, of a beautiful scarlet color, and are practically coreless. Order early as this Carrot has already won marks of distinction, and the seed is going to be much in demand this year. Pkt., 10c; oz., 20c; ¼-lb., 60c; lb., \$2.25.

**S. N. & S. Co's. New Red Cored Chantenay**—This new Carrot meets the requirements of the home garden and market gardener. Tops are shorter than the regular Chantenay and considerably earlier, making bunching easy. The outstanding features are the smoothness of the roots, the excellent color, both exterior and interior, the tenderness of the core and the uniform and perfect stumping. Excellent for slicing, dicing in soups and salads. Roots tested for sugar average 10 per cent sweeter than any other Carrot. Pkt., 10c; oz., 20c; ¼-lb., 60c; lb., \$2.00.



Cauliflower—Early Snowball

## Cauliflower

(One ounce for 3,000 plants)

(¼-oz. to 100 ft. of drill—2 ozs. to the acre)

**Culture**—Cauliflower is a gross feeder, and well repays heavy manuring and high culture. It succeeds best on well drained soil. For Spring crop, plant the seed in protected beds early in February and the plants will be ready to transplant probably early in April. The young plants should be thinned, since they become spindly if allowed to grow too thick in seed bed. Plant in rows two feet apart—eighteen inches in the row.

**Early Snowball**—Is the best all-around Cauliflower on the market for early or late use, for the family or the market garden. It heads where others fail. Its close and compact habit of growth permits one-third more to be planted on the same space of ground than can be done with other varieties. 90 days. Pkt., 25c; ¼-oz., 85c; ½-oz., \$1.50; oz., \$2.50; ¼-lb., \$7.50.

**Dry Weather or Danish Giant**—Is more resistant to unfavorable season than other sorts, particularly in dry weather. 100 days. Pkt., 15c; ¼-oz., 85c; ½-oz., \$1.50; oz., \$2.75; ¼-lb., \$8.00.

**Extra Early Snowball or Danish Perfection**—This new strain possesses all the good qualities of the best Early Snowball strains and has shown an unusual uniformity in maturing. The leaves closely enfolding the head give it a particularly attractive appearance, and as the inner leaves almost cover the snow white flower the necessary early tying up as in the case of other early sorts is largely avoided. It is the earliest strain of its type and recommended for extra early marketing. 80 days. Pkt., 15c; ¼-oz., \$1.00; ½-oz., \$1.85; oz., \$3.50; ¼-lb., \$10.00.

## Carrots For Stock

## THE TWO BEST VARIETIES

**Victoria**—There can be only one best stock Carrot, and we think our Mastodon is that Carrot, yet yet many prefer a yellow Carrot. No yellow Carrot can approach the Victoria in size, in yield and in feeding qualities. It is the largest orange or yellow Carrot known. The roots are remarkably fine and of excellent quality, possessing high feeding properties; is a heavy cropper on all soils and grows nearly half again as much weight an acre as the ordinary varieties. The roots grow more above ground and it is easy to gather. 90 days. Oz., 15c; ¼-lb., 30c; lb., 80c; 2 lbs., \$1.40; 5 lbs., \$3.25; 10 lbs., \$6.25.

**Mastodon**—It is the heaviest Carrot grown, yielding more tons to the acre than any other sort. The flesh is white, crisp and very sweet. It is a vast improvement on the white and green Belgian sorts and is much more productive. The roots are short and very heavy at the shoulder, rendering them easily harvested. Too much can scarcely be said of their size and great productiveness. The roots frequently measure 15 to 20 inches in circumference, and 20 to 30 tons to the acre is not an extravagant statement as to yield. 90 days. Oz., 15c; ¼-lb., 30c; lb., 80c; 2 lbs., \$1.40; 5 lbs., \$3.25; 10 lbs., \$6.25.



**Celery**

(See also Vegetable Plants)

**Ger.—Sellerie. Scand.—Selleri.**

(One ounce will produce 7,000 plants)

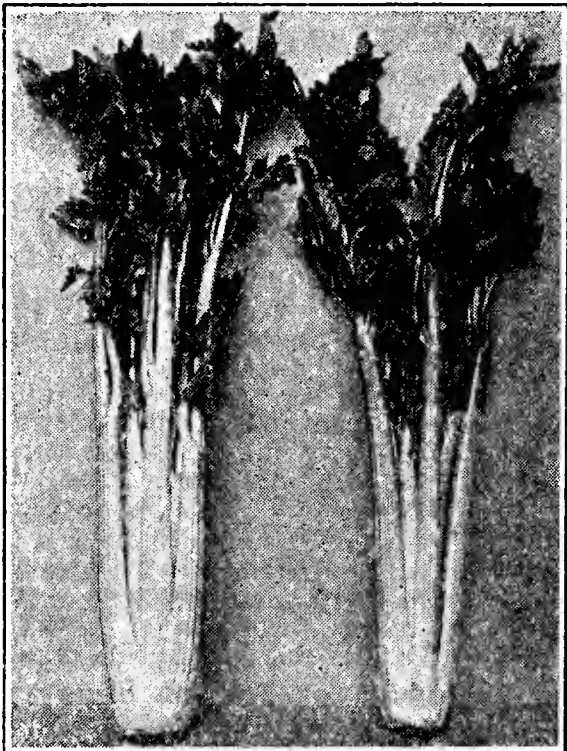
(¼-ounce to the 100 feet of row; 2 ounces to acre)

Sow seeds in a hot bed or cold frame. As soon as the plants are about 3 inches high, transplant to a well prepared bed, setting them 4 to 5 inches apart. When some 8 inches high, and the plants stocky, set them in trenches. Earth up a little during the Summer, keeping the leaf stocks close together so that the soil cannot get between them. Finish earthing up in Autumn. Never hoe or earth up in moist weather.

Keep the seed bed moist to insure quick germination and vigorous growth.

**Golden Plume or Wonderful**—This new variety is similar to Golden Yellow Self Blanching. It matures fully as early and has been found to be more resistant to attacks of blight and rust. The plants are semi-dwarf, stocky and vigorous growing with very full heart which bleaches quickly to a rich golden yellow color. Of very attractive appearance, superior quality and fine nutty flavor. A very profitable variety for market and the home garden. Pkt., 25c; ½-oz., 45c; oz., 80c; ¼-lb., \$2.50.

**Golden Self Blanching**—A remarkable early sort, entirely self blanching, with beautiful large golden yellow heart; crisp, solid and of a nutty flavor. 110 days. Pkt., 25c; ½-oz., 35c; oz., 60c; ¼-lb., \$1.80; lb., \$6.00.

**Easy Blanching**

**Easy Blanching**—A most valuable Celery with a remarkable natural tendency to blanch. Those who have never been successful in growing good Celery can depend on this variety. Valuable both for early use and for its Winter keeping qualities. Of very quick growth, thick stalks, very tender and brittle, and rich flavor. 115 days. Pkt., 10c; ½-oz., 25c; oz., 45c; ¼-lb., \$1.25; lb., \$4.50.

**Winter Queen—Unsurpassed for Winter Use**—Probably the most desirable Winter keeping Celery. It is short, stout, thick and heavy with double the amount of heart of any other Celery. The flavor is sweet, nutty and delicious. It bunches up handsomely. The leaves are light green, and blanch to a cream white. Matures in 140 days. Pkt., 5c; ½-oz., 20c; oz., 35c; ¼-lb., 90c; lb., \$2.50.

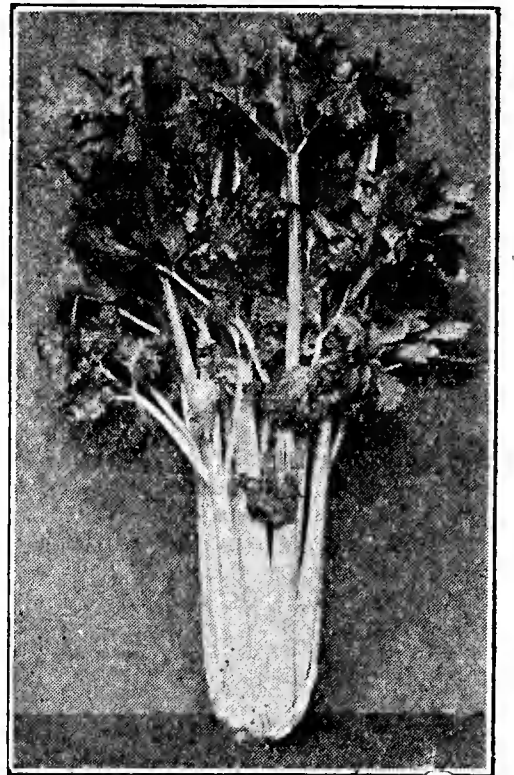
**Celery Seed—For Flavoring**—Excellent to use for flavoring soups, pickles, etc. ¼-lb., 20c; lb., 60c.

**GARDEN EXERCISE PAYS BEST**

Have a garden. Get out in the open and dig. It will bring you good health and will keep you fit. You will get wholesome exercise. Your brain will clear for business, your appetite will improve, you will sleep nights.

Mother Earth is the best tonic, and the best paymaster. A good garden will make a big difference in your grocery bill—maybe save a doctor's bill.

**White Plume**—Is a truly beautiful type. Not only does the stem whiten, but the leaf itself assumes the attractive white color. This makes the White Plume one of the most showy that can be put upon the Thanksgiving or Christmas dinner table. As to succulence, crispness and quality, the White Plume is all that can be desired. Fit to eat in 110 days. Pkt., 5c; ½-oz., 20c; oz., 35c; ¼-lb., \$1.00; lb., \$3.

**Celery—White Plume**

**To Succeed with Celery** you must keep your plants growing constantly while young; if you allow them to stand still they will run up to seed later. Always cultivate as soon after watering as the ground is dry enough to work well. Fertilize heavily in the Spring—and use nitrate of soda later if needed.

**Celeriac****TURNIP ROOTED CELERY****Ger.—Knoller Sellerie. Scand.—Knopselleri.**

**Giant Prague**—This vegetable is used for two purposes: the leaves are cut when young and used to flavor soups and meats; the roots are boiled, sliced, cooled, and served as a salad. 125 days. Pkt., 5c; oz., 25c; ¼-lb., 80c; lb., \$2.50.

**Chervil**

**Chervil—(Curled)**—An aromatic herb. The young leaves are used in soups and salads. Pkt., 5c; oz., 40c; ¼-lb., \$1.25.

**Chives or Schnittlauch**

(See also Vegetable Plants)

**Chives**—A vegetable of the onion tribe, quite hardy everywhere. The leaves are slender and appear very early in the Spring, and may be shorn several times during the season. They are propagated by divisions of the root or sowing of seed. The Chives are equal to the onion for flavoring soups and salads. Pkt., 10c; ½-oz., 40c; oz., 75c; ¼-lb., \$2.00.

**Corn Salad****Ger.—Feldsalat.****Scand.—Vaarsalat.**

(Two ounces to 100 feet of drill)

**Corn Salad—(Or Fetticus)**—A salad plant used as a substitute for Lettuce in salads or may be cooked like Spinach for greens. It does well in the Fall and Spring. On rich soil the leaves renew rapidly after being cut. 55 days. Pkt., 5c; oz., 25c; ¼-lb., 50c; lb., \$1.50.

**Corn Salad****Cress****Ger.—Garten-Kresse.****Scand.—Karse.**

**Cress, or Pepper Grass**—This salad is much used with Lettuce to the flavor of which its warm pungent taste makes an agreeable addition. 30 days. Pkt., 5c; ½-oz., 10c; oz., 15c; ¼-lb., 35c; lb., 85c.

**Cress—(Water)**—Hardy perennial aquatic plant; sow seed along water's edge, preferably near running springs. 45 days. Pkt., 10c; ½-oz., 25c; oz., 40c; ¼-lb., \$1.20.

**WE INVITE ALL HAVING PLANT TROUBLES TO WRITE US**



**StimUplant**  
Makes a  
Wonder Garden

## CORN, Sweet or Sugar

**StimUplant**  
Makes a  
Wonder Garden

### THE SIX BEST VARIETIES OF SWEET CORN FOR MONTANA AND THE NORTHWEST

1 pound for 100 hills or 150 to 200 feet of drill; 15 pounds to acre; 1 pound is a little more than a pint; 2 pounds a little more than a quart.

Sweet Corn is very sensitive to frost and should not be planted until danger from freezing is past or about the middle of May in Montana. A rich, warm, good ordinary soil will raise excellent Sweet Corn, if it is deeply and thoroughly worked before planting. If planted in rows, make the rows three feet apart and 12 to 16 inches apart in the row; cover one inch deep with fine soil firmly pressed down. If planted in hills, make the hills three feet apart each way, and plant four to six kernels to the hill. Hoe frequently and when six inches high cut off all the suckers so as to leave three or four plants to the hill; do not let the plants overcrowd. Give frequent and thorough but shallow cultivation until the tassels appear. In cooking corn use boiling water; do not cover the vessel and do not cook more than ten minutes. "Use no salt"—a pinch of sugar will add to the natural sweetness.

**NOTICE**—If ordered alone add for mailing, 8c per ½-pound, 10c per pound, and 15c per 2 pounds.

#### EXTRA EARLY VARIETIES

**S. N. & S. Co's. Golden Glory, Earliest and Hardest Sweet Corn in the World**

**Golden Glory**—A Montana grown Sweet Corn of high merit; growth about 5½ feet, producing 2 or 3 ears to the stalk, and considerably larger than the average Golden Bantam. The illustration is a good average specimen of 12-row, 8-inch ear. Sweet, creamy and tender, remaining in roasting ear stage a long time. With these qualifications this wonderful Corn can be grown to maturity wherever Golden Bantam can; we predict that it will be your first choice this season. In addition to its merits as a table Sweet Corn this variety is destined to be a popular variety on account of its extreme earliness, which is ten days to two weeks earlier than the Golden Bantam. Price: Pkt., 10c; ½-lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$2.00.

**Early Golden Sunshine**—An outstanding new variety of yellow Sweet Corn, of exceptional merit. The ears are bigger than those of Golden Bantam, are 16 rowed, and of deliciously rich flavor; light yellow in color. Sunshine is ready for use 6 to 10 days earlier than Bantam. The stalks are quite dwarf; usually 2 ears to the stalk. Those who tried it last year are highly enthusiastic, and say it is real Sweet Corn. Pkt., 10c; ½-lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25.

**S. N. & S. Co's. Extra Early Market**—Is the earliest and sweetest White Sweet Corn in cultivation. It is extremely hardy, withstanding cold, wet weather to a wonderful degree. Ears are large for so early a variety. Kernels pure white, sweet and tender. It is very productive, producing two to three ears to the stalk; we can highly recommend this variety for home use and as a market sort it is a money-maker, especially adapted for planting in the Northern states. Pkt., 10c; ½-lb., 20c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25.

**Pop Corn—Japanese Hulless**—Also known as Tom Thumb, Australian Hulless. Japanese Hulless is a dwarf-growing variety, a heavy yielder, and is ready for popping soon after it is husked. It has no hull or shell or hard center, is most tender, and of a delicious flavor when popped. The best all-around variety. 140 days. Pkt., 5c; ½-lb., 20c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.00.

#### EARLY VARIETIES

**Peep O'Day**—Five days earlier than the Golden Bantam, Peep O'Day Corn, in addition to its sensational earliness, is entirely distinct in appearance and habit of growth. The stalk grows from 3 to 4 feet in height. The ears average about 5 inches in length and are of perfect form, well filled out to the tip. When cooked, the Corn is exceedingly sweet and tender. 65 days. Pkt., 5c; ½-lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25.

**NOTICE**—On Sweet Corn in lots of 10 lbs. or more of one variety deduct 5c per lb. when ordering by express or freight. **NOT PREPAID.**

**Golden Bantam**—The well known variety. Some of our customers are now planting this Corn at regular intervals during the season, so that they may have it for table use continually and prefer it to all other sorts. Ears medium size, thickly set with delicious yellow kernels. Golden Bantam has a flavor distinct from any other sort. A very early variety. 70 days. Pkt., 5c; ½-lb., 25c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25.

**Black Mexican**—When cooked becomes white, with bluish tinge near kernel base. Often remembered only as the black Corn that was so very sweet. 75 days. Pkt., 5c; ½-lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25.

#### SPECIAL COLLECTIONS OF FLOWER AND VEGETABLE SEED

For your convenience in ordering vegetable seed we have made up collections suitable for different size gardens. These collections are put up in the dull season from our choicest seeds, and the collections cannot be changed. By taking advantage of the different collections you will make a handsome saving. See Page 74.

We know that State Nursery and Seed Co's. Peerless Seeds grow, as every lot is carefully tested by us in our greenhouses and trial grounds for vitality and vigor before they are sent to our customers.



## Cucumbers

Ger.—Gurken.

Scand.—Haurk.

(One oz. will plant 50 hills; 2 lbs. to an acre)



Cucumber—Early Fortune

of excellent quality either for slicing or pickling. 65 days. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., \$1.50.

**Early Fortune**—This distinct variety is the finest yet introduced. The rich dark green fruits average 7½ to 8 inches and retain their color for a long time. The flesh is firm, with a small seed cavity, making it a good shipping and market sort. As a pickling sort it produces an enormous quantity of uniform well-shaped pickles. The vine growth is very vigorous and the leaves, which are larger than those of other sorts, are very resistant to disease. 52 days. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., \$1.25.

**Davis Perfect**—Long and slender, average length 10 to 12 inches. Color very dark green, of fine flavor, very tender and brittle. A choice variety for forcing under glass or for outside culture. 60 days. Pkt., 5c; oz., 25c; ¼-lb., 60c; lb., \$1.50.

**Improved Long Green**—Not quite so early as the above named sorts, but admitted to be the best general crop Cucumber for this climate; good color, crisp and tender. 70 days. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., \$1.25.

**Lemon Cucumber**—Very productive, with round fruits of creamy yellow color; of distinctive flavor; desirable for slicing or pickling. For pickling they may be used either green or ripe. 55 days. Pkt., 10c; oz., 25c; ¼-lb., 80c; lb., \$2.50.

**Rollinson's Telegraph or English Frame**—For forcing. Long green Cucumber of excellent flavor, very tender and solid. We have grown this variety under glass to a length of 20 to 25 inches. Pkt. (10 seeds), 25c; 5 pkts., \$1.00.

## Pickling Varieties

**Everbearing**—Small size, very early and enormously productive and valuable as a green pickler. It continues to flower and produce fruit whether the Cucumbers are picked off or not. Remarkably solid with very few seeds and of fine quality. 65 days. Pkt., 5c; oz., 25c; ¼-lb., 60c; lb., \$1.50.

**Early Russian**—Bright green, crisp and tender flesh; excellent for table use or pickling. 55 days. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., \$1.25.

**Early White Spine**—Earliest of the White Spine varieties. Excellent for table use. 60 days. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., \$1.25.

**Earliest of All**—An extra early prolific Cucumber; the fruit full and uniform, tapering slightly at both ends. Color, deep green; 10 days earlier than Early White Spine, and because of its extreme earliness is a very desirable variety both for the home garden and for the market. 50 days. Pkt., 10c; oz., 20c; ¼-lb., 50c; lb., \$1.50.

**Japanese Climbing**—A strong and vigorous grower, this variety attains nearly twice the length of the ordinary sorts and can be grown on trellises, fences or poles. The fruits, from ten to twelve inches in length, are



Cucumber—Extra Early Green Prolific or Boston Pickling

**Extra Early Green Prolific or Boston Pickling**—A very prolific variety used principally for pickles. Fruit medium sized, bright green, flesh firm and very crisp and tender. Gather the fruit when small and it will bear all Summer. 65 days. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., \$1.25.

## Egg Plant

(⅓-oz. to 100 feet of row; ¼-lb. to acre)

(One oz. will produce 1,000 to 1,500 plants)

**Improved New York**—This selection is vastly superior to the old type. The habit of the plant is low and branching, and is quite free from spines. 40 days. Pkt., 10c; ½-oz., 30c; oz., 50c; ¼-lb., \$1.75.



Egg Plant—Improved New York

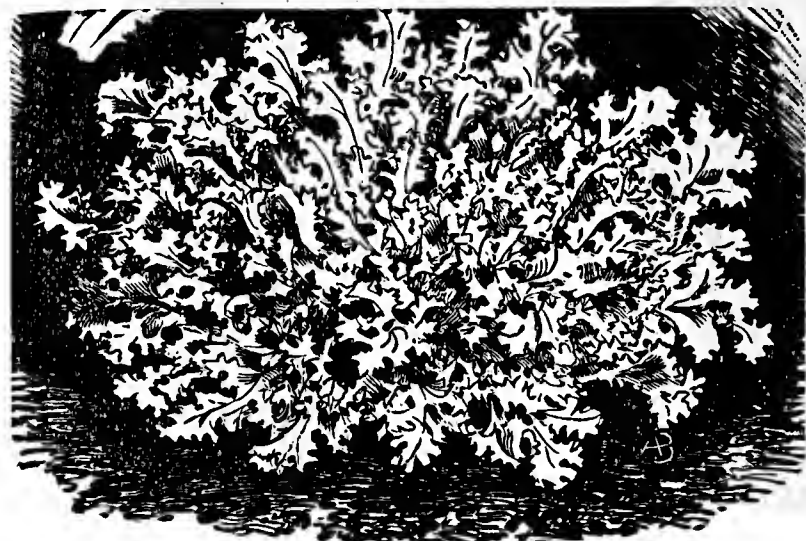
## Endive

Ger.—Endiven.

Scand.—Endive.

(1 oz. to 100 feet of row; 4 lbs. to acre)

**White Curled**—Leaves pale green; should be used when young. 35 days. Pkt., 5c; oz., 25c; ¼-lb., 45c; lb., \$1.25.



Endive—Green Curled

**Green Curled**—For Fall and largely used for Winter use; also garnishing; crisp and curly; easily blanched. 40 days. Pkt., 5c; oz., 20c; ¼-lb., 45c; lb., \$1.25.

**Broad Leaved Batavian or Escarolle**—A very wide leaved variety. Leaves with straight edges, thick and fleshy, of a dull green color. Quality excellent. 45 days. Pkt., 5c; oz., 20c; ¼-lb., 45c; lb., \$1.25.

GOURDS—(See Page 87)

GROUND CHERRY—(See Tomato, Page 100)

## Garlic

Ger.—Knoblauch.

Scand.—Hoidloeg.

(1 lb. to 50 feet of drill; 200 lbs. to acre)

**Garlic**—The Garlic is the most pungent of all the Onion family. Plant in the Spring six to eight inches apart, and in August the tops will die when the bulbs are ready to gather; they do best in light rich soil; cultivate the same as Onions. Lb., 35c; 5 lbs., \$1.60.

Write for price on larger quantities.



Garlic



Gourd

Both Useful and Ornamental

A tribe of climbers with curiously shaped and colored fruit; being of rapid growth, they are fine to cover old fences, trellises, stumps, etc. Tender annual; ten to twenty feet high.

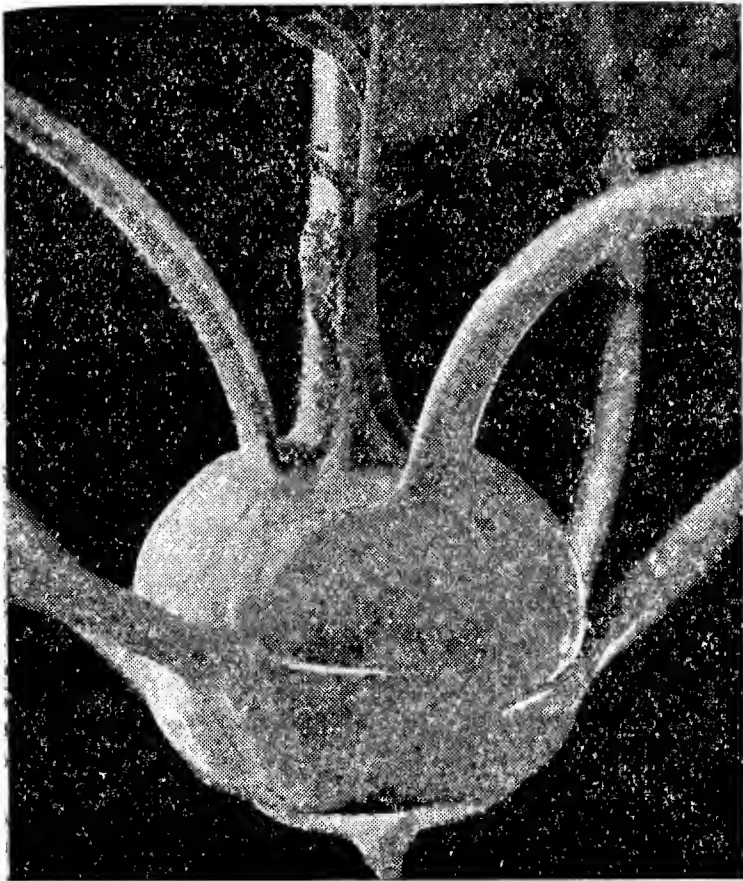
**Hercules Club**—Distinctly club-shaped, the longest of all varieties. Pkt., 10c; oz., 25c.

**Japanese Nest Egg**—Used as nest eggs; fruits are white; do not crack, and are not injured by heat or cold. Pkt., 10c; oz., 25c.

**Sugar Trough**—Has durable thick shell, and is often used for dishes and other household utensils. Pkt., 10c; oz., 25c.

**Dipper or Siphon**—Greatly used for dippers; fruits long and bottle shaped, with straight or slightly crooked neck. Pkt., 10c; oz., 25c.

**Gourds—Mixed**—Pkt., 5c; oz., 25c.



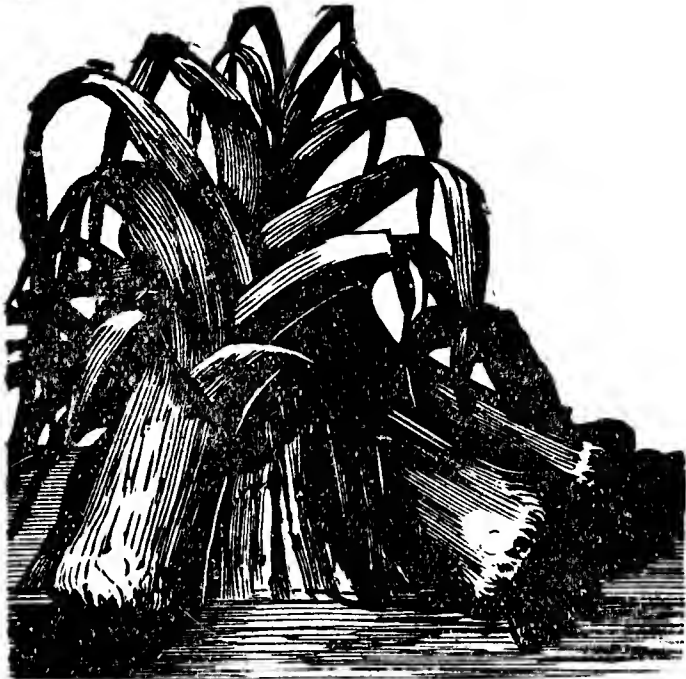
Kohl Rabi—White Vienna

Kohl Rabi

**Ger.—Kohl Rabi.** **Scand.—Kaarlrabi.**  
( $\frac{1}{4}$ -oz. to 100 feet of row; 4 lbs. to acre)

**White Vienna**—Turnip rooted; small, white, very tender and delicious when young. 50 days. Pkt., 5c; oz., 25c;  $\frac{1}{4}$ -lb., 75c; lb., \$2.25.

**Purple Vienna**—An early variety with a bright purple bulb, the leaves and stems being green and tinged with purple. 70 days. Pkt., 5c; oz., 25c;  $\frac{1}{4}$ -lb., 75c; lb., \$2.25.

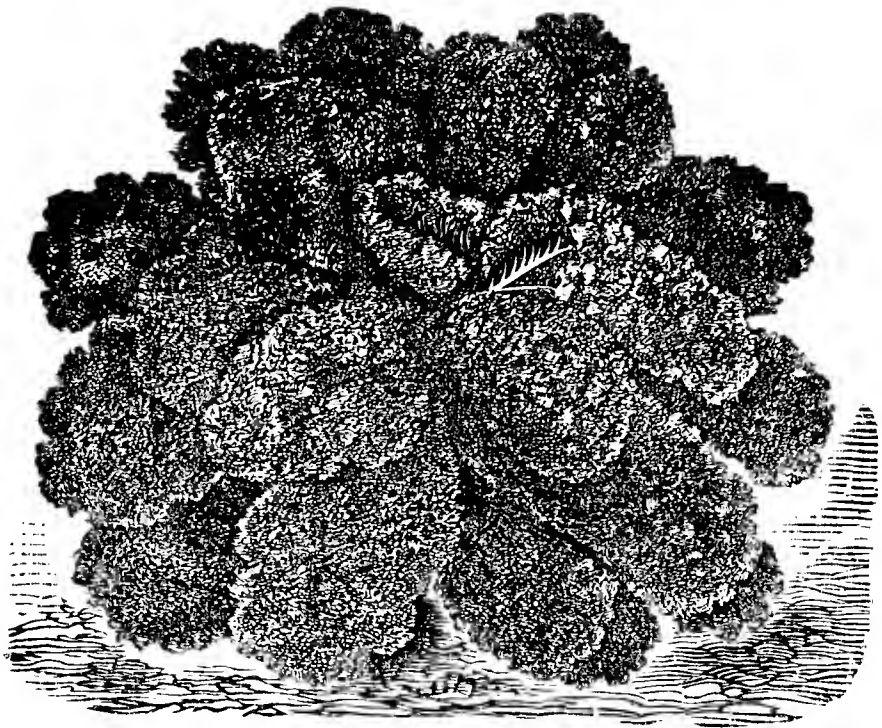


Leek—American Flag

Leek

**Ger.—Lauch.** **Scand.—Purre.**  
( $\frac{1}{2}$ -oz. to 100 feet of drill; 4 lbs. to acre)

**American Flag**—A strong growing variety, producing large, thick stems of sweet flavor when properly blanched. Leeks are hardy and flavor is improved by frost. 80 days. Pkt., 5c; oz., 30c;  $\frac{1}{4}$ -lb., 90c; lb., \$2.50.



Kale or Borecole

**Ger.—Blatter Kohl.** **Scand.—Groenkaal.**  
( $\frac{1}{4}$ -oz. to 100 feet of row; 2 lbs. to the acre)

**Dwarf Curled Scotch**—Kale makes excellent greens for Fall and are improved when slightly frosted. Cultivate same as Cabbage. Beautifully curled, very hardy. 55 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 45c; lb., \$1.25.

**Tall Green Curled Scotch**—Always a favorite. 60 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 45c; lb., \$1.25.

Herbs

**Herbs—(Sweet, Pot and Medicinal)** — The seeds should be sown in Spring in shallow drills, 12 inches apart, and the young plants thinned out or transplanted to about 4 inches. They should be harvested on a dry day, just before the blossoms develop, dried quickly and bottled, or closely packed in dry boxes, with the air entirely excluded. Those prefixed by an \* are perennials.

	Pkt.	$\frac{1}{2}$ -oz.		Pkt.	$\frac{1}{2}$ -oz.
Anise .....	\$ .05	\$ .20	*Horehound ..	\$ .05	\$ .30
*Balm .....	.05	.25	*Lavender .....	.05	.35
Basil .....	.05	.25	*Rue .....	.05	.30
Borage .....	.05	.20	Rosemary ....	.05	.30
Caraway .....	.05	.15	*Sage .....	.05	.20
Coriander ....	.05	.20	Sweet Mar-		
*Catnip .....	.05	.35	joram .....	.05	.20
Dill .....	.05	.20	*Summer		
*Fennel .....	.05	.20	Savoy .....	.05	.20
			*Thyme .....	.05	.30
			*Wormwood ..	.05	.20

Lettuce

**Ger.—Gartensalat.** **Scand.—Salat.**  
( $\frac{1}{4}$ -oz. to 100 feet of drill; 3 lbs. to the acre)

**Loose Leaf** seed, sown in rich soil in cold frame in March, can be cut (just above the center bud) in 45 to 60 days and will grow new leaves or can be moved to the open ground later at 8 to 12 inches in the row.

Varieties which **head** should be started early and pricked out in the frame to get room and root system. As soon as the ground is mellow, set in open and encourage rapid growth by liberal feeding (nitrate of soda) and cultivation. Sow common sorts for a succession.

All varieties of Lettuce are also excellent for sowing in the home garden. Sow out of doors early in the Spring or in late Summer. Lettuce develops best during cool weather.

**May King**—It grows very quickly even in the cold weather of early Spring. Very compact; in fact, the plant is about all head. Outer leaves light green, inner leaves bright yellow and of a fine, rich, buttery flavor. Heads weigh from 12 to 16 oz. and are so solid that they carry to market in perfect condition. 50 days. Pkt., 10c; oz., 25c;  $\frac{1}{4}$ -lb., 50c; lb., \$1.35.

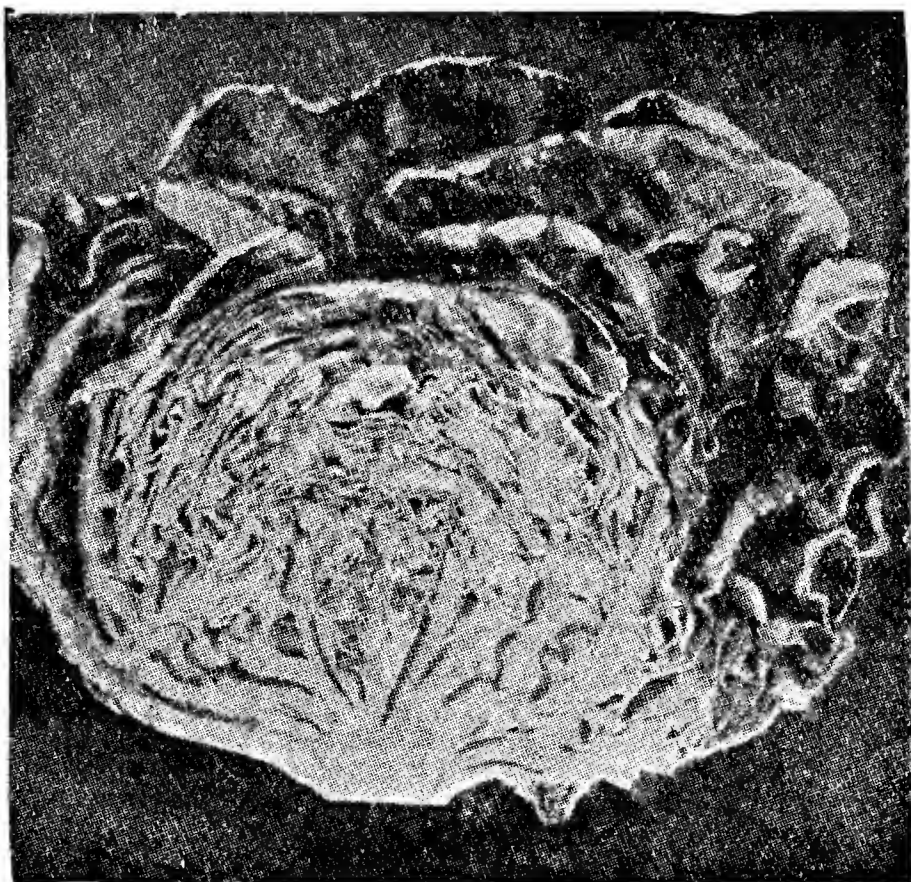
**Improved Hanson**—A well known, highly approved Lettuce. Large, well formed, firm head of broad leaves so compact that the inner ones are blanched almost white. The outside ones are very tender and deliciously sweet, and all are beautifully crinkled and curled. For mid-Summer planting outdoors, this sort is exceedingly popular, for it has superior qualities for resisting drought and heat. 50 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 40c; lb., \$1.25.



## LETTUCE

Ger.—Gartensalat.

## Heading Varieties



Lettuce—Creamy Heart

**Creamy Heart**—Is a new variety very similar to the California Cream Butter and was selected on account of its being without brown spots or edges; nice large heads of a rich golden yellow inside and leaves are very bright green; an excellent variety for late Spring and early Summer crop; easy to grow and a good shipping variety. Pkt., 10c; oz., 25c; ¼-lb., 75c; lb., \$2.00.

**New York Head**—Also Called “Los Angeles” and “Wonderful” — A popular variety for Summer planting. The best heat resister. The immense heads are solid and frequently weigh 2 to 3 lbs. each. Beautifully blanched to a creamy white with dark green outer leaves; quality unsurpassed, being tender, crisp and sweet. New York is a hardy, rapid grower, deep rooted and resistant to drought; a slow seeder and sure to head. Matures in 65 days. Does remarkably well in all sections. Pkt., 10c; oz., 25c; ¼-lb., 75c; lb., \$2.00.

**Salamander or Black Seeded Tennisball**—The most popular variety for withstanding the hot weather. The golden yellow heart is protected by crumpled outer leaves of medium green color and forming a close sure head; very solid, of medium size and excellent quality. 85 days. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., \$1.25.

**Big Boston**—The well known and popular hothouse variety needs to be quickly grown to be of good flavor. Light green Cabbage variety, slightly tinged with brown on the head. Forms a compact buttery head. 50 days. Pkt., 5c; oz., 25c; ¼-lb., 65c; lb., \$1.75.

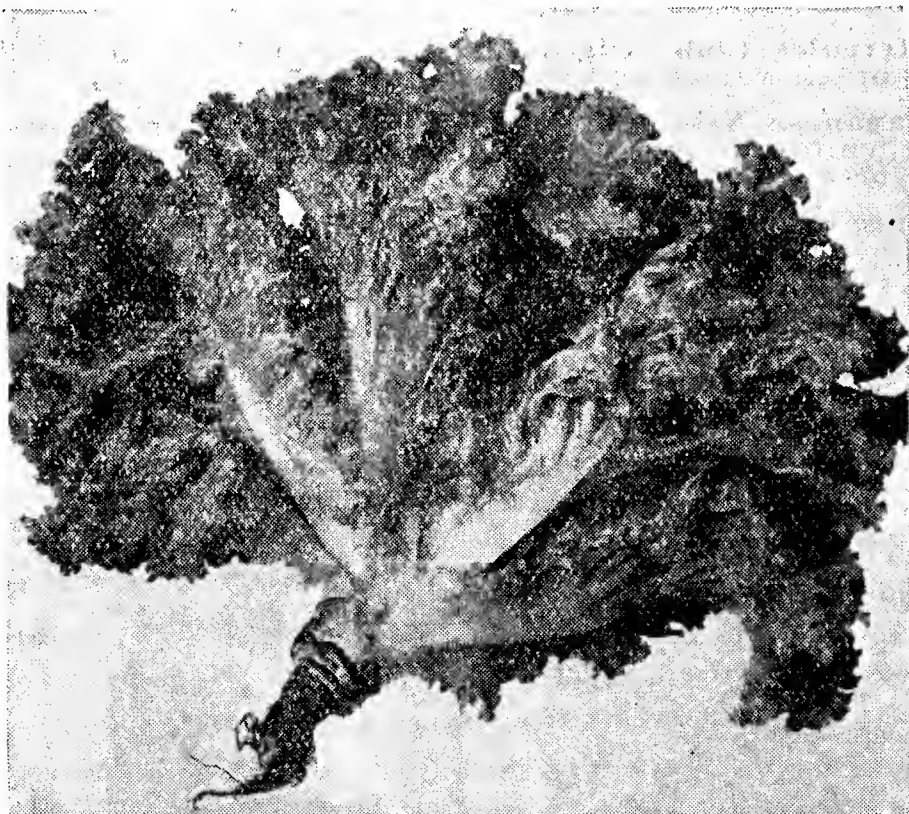
**California Cream Butter or Royal Cabbage**—Produces a large solid head and withstands most adverse weather. The leaves are thick, dark green tinged with brown and spotted. The interior of head is rich golden yellow and quality very fine. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., \$1.25.

**Iceberg**—Is very crisp and withstands the heat remarkably well and very slow to shoot to seed. The head is extremely hard and well blanched, the leaves tightly overlapping each other. The color is light green, excepting for the faint brown tinge along the extreme border. The quality is good, crisp and firm, very sweet. 75 days. Pkt., 10c; oz., 25c; ¼-lb., 60c; lb., \$1.50.

**Paris White Cos—Trianon, or White Paris Self-Blanching**—Distinct variety of upright growth; leaves should be tied together near top when they will blanch to a beautiful creamy-white; crisp and delicious as celery stalks, and eaten in the same manner. 65 days. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., \$1.35.

Scand.—Salat.

## Loose Leaved Varieties



Lettuce—Grand Rapids

**Early Curled Simpson or Silesia—(White Seeded)**—A very extensively used early loose leaved variety. The leaves are light green in color, slightly frilled, crisp, sweet and tender. This sort is especially adapted for sowing thickly and cutting when the plants are young. Does not wilt easily. 40 days. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., \$1.25.

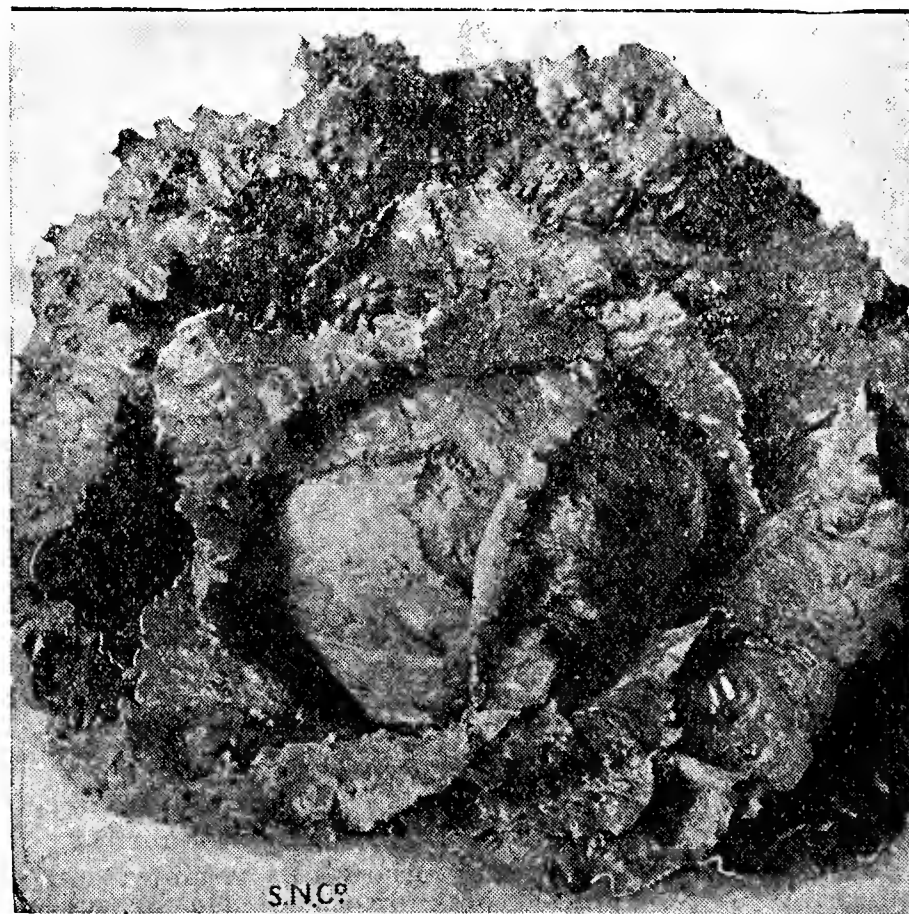
**Early Prize Head**—This Lettuce forms a large, tender, crisp, loose head of bright green crimped leaves tinged with brownish red; of superior flavor, long remaining sweet and slow to run to seed. 50 days. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., \$1.25.

**Grand Rapids** — A popular variety for general planting and will make a quick growth under adverse conditions. Its upright habit permits close planting. 40 days. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., \$1.25.

## Semesan

Place a little Semesan with seeds in a jar and shake vigorously; bacteria and fungus adhering to the seeds will be killed.

2 ozs.....50c    8 ozs.....\$1.60    1 lb.....\$2.75



Lettuce—New York

SEE OUR SUPERB DAHLIA COLLECTIONS



## MUSKMELONS

Ger.—Melone.

Scand.—Melon.

(One ounce will plant about 50 hills—2 to 3 lbs. in hills per acre)

**Culture**—A rich, deep, sandy loam, well worked and highly manured with old rotten compost, is of the first importance. Plant when all danger of frost is over, in hills 5 to 6 feet apart each way; scatter a dozen seeds to a hill and thin to 3 or 4 plants. When they have 4 or 5 rough leaves pinch off the end of the main shoot, which will cause the lateral branches to put forth fruit sooner.

## Green Fleshed Varieties

**Extra Early Hackensack**—Fruit round, heavily ribbed, skin is light green; of delicious flavor, rich and sugary, and exceedingly productive. The earliest of all large netted Melons. 70 days. Pkt., 5c; oz., 25c; ¼-lb., 45c; lb., \$1.25.

**Rockyford or Netted Gem**—The flesh is green and so sweet that it may be eaten close to the rind. The Melons weigh about 1½ pounds each. The vigorous vines produce an abundance of slightly oval fruits. 80 days. Pkt., 5c; oz., 25c; ¼-lb., 50c; lb., \$1.25.

**Early Nutmeg or Extra Early Citron**—A small round or slightly flattened Melon, valuable on account of its extreme earliness, hardness and productiveness. The skin is green, becoming yellowish at maturity. The flesh is light green, very thick and of delicious flavor. 65 days. Pkt., 5c; oz., 25c; ¼-lb., 50c; lb., \$1.35.

**Honey Dew**—The sweetest Melon of all. The skin is smooth and the rind though thin is very tough, of creamy yellow color when ripe. The flesh is very thick, of a bright emerald green, very fine grained, of very sweet, sugary flavor, and can be eaten to the rind. 125 days. Pkt., 10c; oz., 25c; ¼-lb., 60c; lb., \$1.50.

## Salmon Tinted Varieties

**Edward's Perfecto**—Fruit nearly round with gray netting; flesh very thick salmon color, shading into green as it nears the rind. Perfecto has the deepest flesh and more salmon-colored flesh than any other Melon. Recommended for its hardness, prolificness, deep flesh and excellent eating qualities. Pkt., 10c; oz., 25c; ¼-lb., 50c; lb., \$1.25.

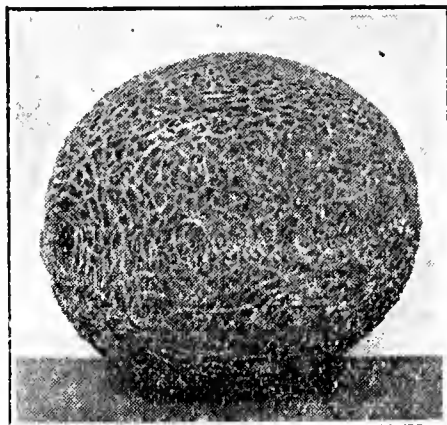
**Gold Lined Rockyford**—This variety is one of the largest of the Rockyford type. It is very prolific, of uniform size, very thick flesh, of a rich golden yellow next to the seed cavity, fruit very thickly netted. Very fine in every respect. 70 days. Pkt., 5c; oz., 25c; ¼-lb., 50c; lb., \$1.25.

## MUSKMELON COLLECTION

This Collection contains one packet each  
Hale's Best, Barling's Montana,  
Edward's Perfecto Rockyford  
Value 35c, postpaid for 25c

## Orange or Yellow Fleshed Varieties

**Emerald Gem**—Is one of the earliest to ripen and of most delicious flavor. Unequalled for home use. Very prolific. The skin is smooth and free from netting. The fruits are heavily ribbed. Flesh very thick; small seed cavity. 85 days. Pkt., 5c; oz., 25c; ¼-lb., 50c; lb., \$1.25.



Hale's Best  
(The Earliest Maturing  
of All Muskmelons)

## Salmon Fleshed Varieties

**Hale's Best, Extra Early**—This new variety has become popular because of its extreme earliness. 68 days, tests made in sections where the season was remarkable for its coldness. It is a salmon flesh Melon of exceptional thickness. The shape is oval. Average size is 8x4½ inches with very heavy netting and fairly prominent ribs; very valuable, as it leads the list in earliness. Pkt., 10c; oz., 25c; ¼-lb., 60c; lb., \$1.50.

**Barling's Montana**—Ideal in size for family use, oval shape, flesh salmon-pink, thick fleshed, with small seed cavity; originated in Montana and matures with the earliest. Pkt., 10c; oz., 25c; ¼-lb., 75c; lb., \$2.00.

**Osage or Miller's Cream**—A favorite salmon flesh variety. Large, oval, slightly ribbed and netted; skin is very dark green. Flesh is very thick and sweet, flavored most deliciously to the rind. The fruit is extra heavy. A great favorite for market and the home garden. 80 days. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., \$1.25.

Of all Vegetable Fruits, the Melons are the most delicious. Be sure to plant some Melons in your garden.

## WATERMELONS

Ger.—Wassermelone.

(One oz. for 30 hills—4 to 5 lbs. to an acre)

Scand.—Vandmelon.

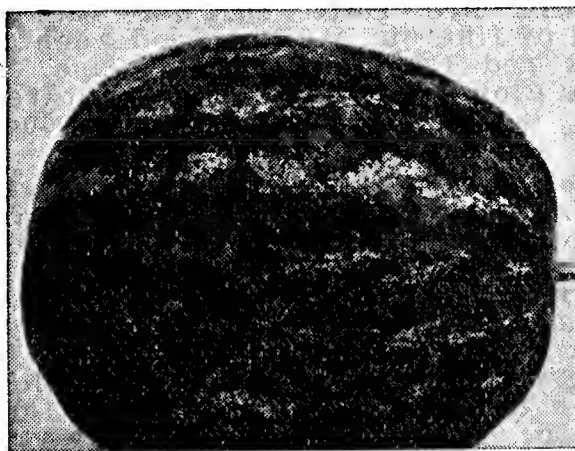
The hills should be dug about 2 feet square, 8 inches deep and half filled with well-rotted fertilizer, which must be thoroughly mixed with the soil. Plant in May, 10 seeds to a hill, and when the plants are well up, thin out to three, and pinch the ends of the growing shoots to induce early fruiting. Some of the sweetest and best Melons we have seen were produced in the latitude of 45 degrees north; consequently, while the Watermelon is a tropical fruit, yet our Northern friends can grow them successfully.

**Cole's Early**—This is a fine variety for the family and market and is particularly adapted, on account of its earliness to Northern latitudes. For early marketing there is no superior. The bright red flesh is cool, crisp and produced in generous numbers. 80 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., \$1.00.

**Fordhook Early**—One of the earliest large-fruited Melons in cultivation. Fruits are of good size. Skin dark green, with faint stripes of lighter green. Rind quite thin, but skin tough, making an excellent shipping variety. Flesh bright red, crisp, sweet, and of splendid quality; really one of the finest flavored Melons in cultivation; white seed. 80 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., \$1.00.

**Kleckley Sweet or Monte Cristo**—This is a very popular Watermelon. Dark green skin, thin rind; flesh bright scarlet; solid, very sweet and crisp; not a good shipper for long distance. The fruits are oblong and uniform in size. Average weight, 25 lbs. 100 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., \$1.00.

**Stone Mountain**—This Melon is comparatively new, medium dark green, round and of excellent quality. The flesh is a uniform beautiful deep crimson, very solid with fewer seeds than most Watermelons. The rind is tough enough to stand long-distance shipping. We have found this somewhat earlier than other large varieties. It produces an abundant crop. Pkt., 10c; oz., 25c; ¼-lb., 50c; lb., \$1.25.



Harris Earliest

Harris' will out-yeild any other early Melon. 70 days. Pkt., 5c; oz., 25c; ¼-lb., 45c; lb., \$1.25.

**Phinney's Early**—One of the best early maturing Melons of medium size, oblong shape. The red flesh is very sweet and tender; a sure cropper. Does exceptionally well in the Northern states. 80 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., \$1.00.

## Citron

## FOR PRESERVES

**Citron—Red Seeded**—A small round Melon used for making preserves. 100 days. Pkt., 5c; oz., 20c; ¼-lb., 40c; lb., \$1.00.

**Citron—Green Seeded**—Same as above with green seeds. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., \$1.00.



## S. N. & S. Co's. Peerless Onion Seed

(One ounce for 100 feet of drill; 4 to 5 lbs. in drills per acre)

Sow in rich soil in drills one foot apart as early as possible in the Spring. Cover with fine soil and firm well. When plants are strong enough thin out to 3 or 4 inches. The largest Onions are produced by sowing the seed in a hot bed early in January or February and transplanting seedlings to the open ground 6 inches apart. When the bulbs have reached maturity bend the top down to hasten the ripening before the Onions are harvested.



Onion—Mountain Red Globe

### White Varieties

**Southport White Globe**—A beautiful type of an almost round Onion, growing to an enormous size. The flesh when cooked is of a rich milky color, of tender and delicious flavor and in the raw state it is one of the mildest. 120 days. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 75c; lb., \$2.50.

**White Portugal, or Silver Skin**—The bulbs are flat in shape, pure white and mature within 110 days. It is a splendid variety for both family and market gardener, and is very largely used on account of its fine shape when small, and also for its good keeping qualities. This variety is grown extensively for use in the green state as a bunching Onion besides being well adapted for pickling. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 65c; lb., \$2.25.

**White Pickling**—For early bunching, pickling, etc. Small, hard, round; keeps well; does not turn green when exposed to sun. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 65c; lb., \$2.25.

**Mammoth Silver King**—The largest of the foreign varieties. Produces large bulbs within 125 days from seeds. Flat in shape and both skin and flesh are pure white, mild and well flavored. Pkt., 10c; ½-oz., 15c; oz., 25c; ¼-lb., 80c; lb., \$2.50.

### Red Varieties

**Red Wethersfield**—A very large, deep red Onion, that matures early and succeeds well everywhere. The bulbs are flattened, very large around, solid and of fine quality. A good keeper. One of the best red Onions for home use or market, where a globe-shaped Onion is not required. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 60c; lb., \$1.75.

**Mountain Red Globe**—Grown at a very high altitude, where the seasons are short and where an ordinary strain of Southport Red Globe will not mature, and where an Onion has to hustle if it matures and makes a good sized bulb. It has a good globe shape, is dark red, ripens evenly, has a small neck, keeps well and ships well. It is a good mate for Mountain Danvers, which means that it is a mighty fine Onion. Pkt., 10c; ½-oz., 15c; oz., 25c; ¼-lb., 65c; lb., \$2.00.

**Extra Early Red Flat**—An extra early red Onion, which yields abundantly, keeps well and is of mild flavor. The bulbs are of medium size and rich red in color, very close grained, solid and heavy. This variety will form bulbs in cold soils where others fail to ripen. 100 days. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 65c; lb., \$2.00.

### Brown Skinned

**Australian Brown**—An early and very hardy variety. These Onions have been kept in perfect condition the year around. They are of medium size, somewhat flattened, and of a light reddish brown color. The flesh is always crisp, mild and juicy. They mature very early. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 65c; lb., \$2.00.

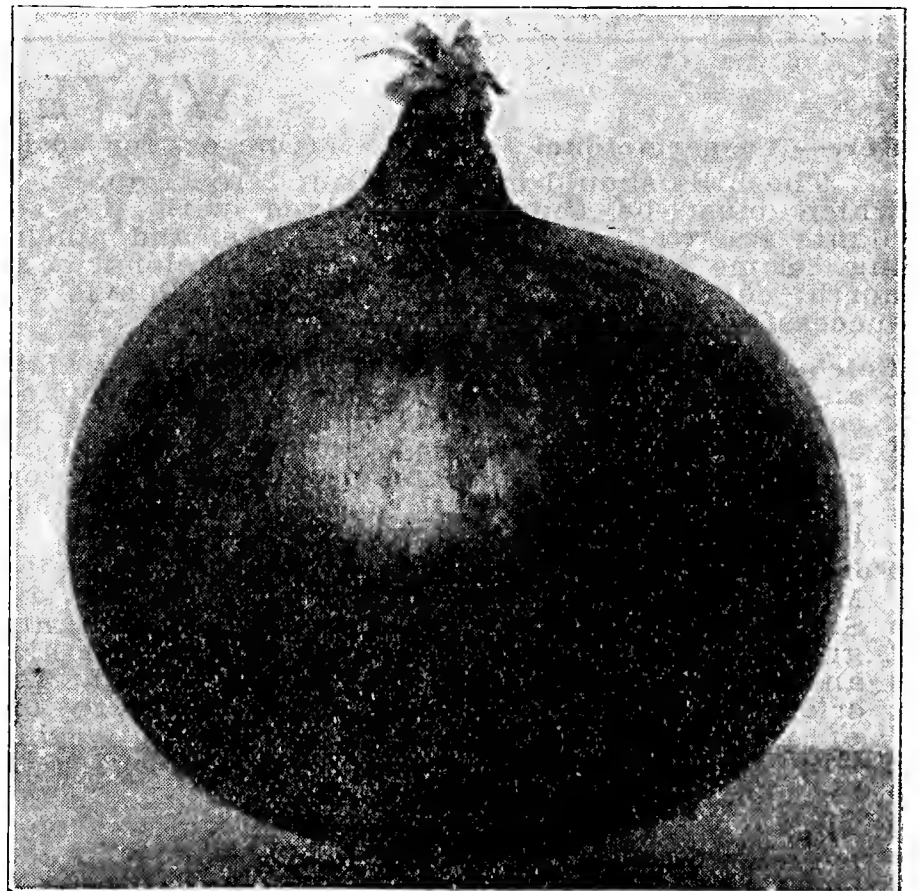
### Yellow Varieties

**Yellow Globe Danvers**—This almost round-shaped Onion is extensively sown by the private and market gardener on account of its good keeping qualities. It is a dark straw color and always produces a good crop, growing to a large size. 120 days. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 75c; lb., \$2.50.

**Mountain Danvers (Yellow)**—A very early maturing strain originating in the mountains of Colorado. The Onions are of fine globe shape, deep yellow color and very firm. They ripen two or three weeks earlier than Yellow Globe Danvers, and are valuable on this account where the seasons are short. These Onions have remarkable keeping qualities and can be safely stored all Winter. They are of good size and are often found more profitable because they can be marketed before other kinds are ready. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00; lb., \$3.00.

**Prizetaker or Mammoth Yellow Spanish**—Large yellow globe Onion. Excellent keeper of finest flavor, handsome shape and enormous size; many single Onions weigh 3 pounds and over. It is of the same type as those immense imported Onions which can be seen in stores and always command a very high price. 130 days. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 80c; lb., \$2.50.

**Ailsa Craig**—The largest of all Onions, often weighing 4 lbs. and over, each. Globe-shaped, slightly pointed at top and base; color a beautiful straw yellow. To obtain best results sow seed in hot bed and later transplant where they are to grow; in planting place 4 to 6 inches apart and thus procure gigantic specimens. Pkt., 10c; ½-oz., 25c; oz., 35c; ¼-lb., \$1.00; lb., \$3.00.



Onion—Mountain Danvers

**CARCO**—Will protect your Onion crop against the ravages of the root maggot and other garden pests. See Index for Insecticides.



Mustard

( $\frac{1}{4}$ -oz. to 100 feet of row; 2 to 3 lbs. to the acre)  
**White**—The green leaves are used as a salad when a few inches high. If sown in a warm place or in a hot bed, will be ready to cut in a few days; sow frequently for a succession of crops. Pkt., 5c; oz., 15c;  $\frac{1}{4}$ -lb., 30c; lb., 85c.

**Giant Southern Curled** — Large variety, forming great mass of beautiful leaves, ruffled and finely curled on edges; used for salads. Hardy, vigorous, and highly recommended. 35 days. Pkt., 5c; oz., 15c;  $\frac{1}{4}$ -lb., 30c; lb., 85c.

Mushroom Spawn



Practically no capital is required in the mushroom business, and the profits are most satisfactory. All that is required to grow mushrooms is almost any building or cellar, some manure, loam, and last and above all, good spawn. Our Pure Culture Mushroom Spawn is full of vigor, the kind used by the best commercial growers of the United States. One brick to ten square feet. Leaflet—"How to Grow Mushrooms"—free for asking.

**Lambert's Mushroom Spawn** — Per brick, 40c; 5 bricks, \$1.75, postpaid. By express or freight, per brick, 35c; 10 bricks, \$3.00; 25 bricks, \$6.75.

Okra or Gumbo

(One oz. to 100 feet of drill; 8 lbs. to the acre)

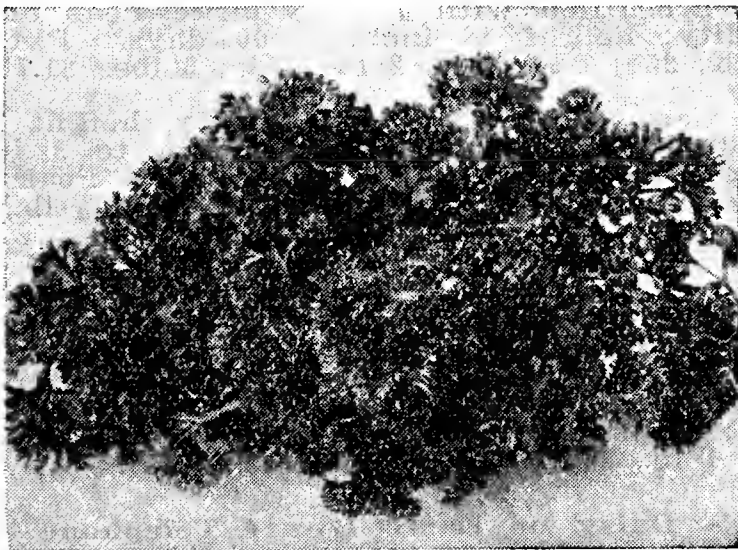
The long tender pods of Okra are very delicious when sliced and cooked in soups. While this is the chief use, it is also boiled and served like other vegetables. The dwarf sorts may be planted in hills or in rows about three feet apart. Plant in any good soil about May 15. The pods should be gathered when very young, as they are then very tender.

**Dwarf Green**—An early dwarf prolific variety with thick green pods. 65 days. Pkt., 5c; oz., 15c;  $\frac{1}{4}$ -lb., 35c; lb., \$1.00.

**White Velvet**—Very tender pods, long, smooth and white. 60 days. Pkt., 5c; oz., 15c;  $\frac{1}{4}$ -lb., 35c; lb., \$1.00.

Parsley

**Ger.—Petersillie.** **Scand.—Persillie.**  
(One ounce for 150 feet of drill)



Parsley—Moss Curled

Parsley succeeds best in rich, mellow soil. As the seed germinates very slowly, it should be sown quite early in the Spring, previously soaking the seed for a few hours in tepid water. Sow thickly in rows a foot apart and half an inch deep. For Winter use, protect in a frame or light cellar or a few plants may be placed in pots or boxes and kept in the house.

**Moss Curled**—There is no more attractive variety than this when well grown; it is hardy and slow to run to seed; every gardener's favorite. 65 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 40c; lb., \$1.00.

**Extra Double Curled**—In shape of leaf, color and taste this new variety is perfect. It stands heat, drought and cold better and will yield better than any other of the numerous varieties of Parsley we have ever had. 60 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 40c; lb., \$1.00.

Parsley

**Hamburg or Turnip Rooted**—Turnip rooted variety. The roots as well as the leaves are used for flavoring soups, etc. The roots are stored like carrots for Winter use. 100 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 50c; lb., \$1.25.

Onion Sets

(One lb. to 75 feet of row; 300 lbs. to the acre)

It is very easy to raise Onions from sets and they should be grown in every garden. If the sets are set out early in the Spring, nice green Onions can be pulled in a few weeks. A little later the bulbs grow large and are then ready to use cooked. They are of very delicate flavor. The Onions mature about the middle of August in this latitude. They are then large, ripe Onions which can be kept through the Winter if desired. The sets should be planted about 2 inches apart and covered an inch deep. **A pound equals about one quart.**

Please write for quotations on larger quantities.

Postpaid Prices	Lb.	2 lbs.	5 lbs.	10 lbs.
White Bottom .....	\$ .30	\$ .55	\$1.20	\$2.15
Brown Bottom .....	.25	.45	1.00	1.80
Yellow Bottom .....	.25	.45	1.00	1.80
Yellow Multiplier .....	.40	.75	1.75	3.25

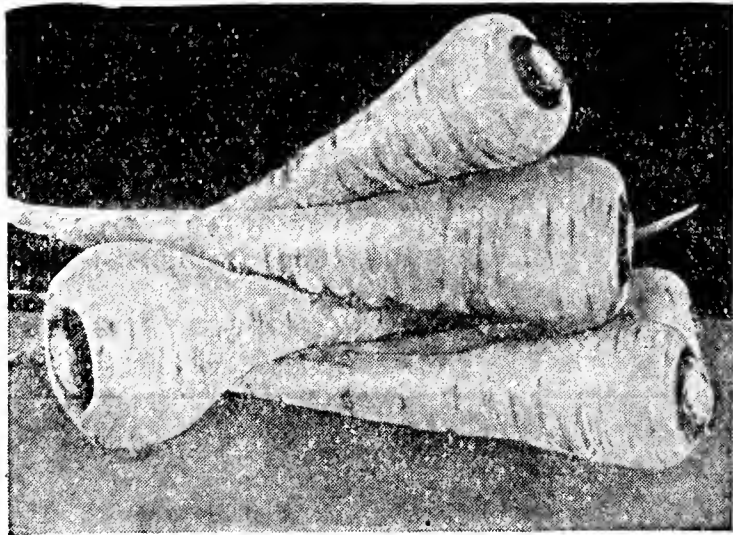
By Express or Freight	Lb.	5 lbs.	10 lbs.	25 lbs.
White Bottom .....	\$ .25	\$1.10	\$2.00	\$4.00
Brown Bottom .....	.20	.90	1.60	3.50
Yellow Bottom .....	.20	.90	1.60	3.50
Yellow Multiplier .....	.35	1.50	2.80	.....

**NOTICE**—These prices on Onion Sets apply when wanted by express or freight only, at purchaser's expense.

Parsnip

**Ger.—Pastinake.** **Scand.—Pastinak.**  
(One ounce for 200 feet of drill; 5 to 6 lbs. in drills per acre)

Sow as early in the Spring as the weather will permit, in drills 15 inches apart, covering half an inch deep. It is usual to take up in the Fall a certain quantity for Winter use, leaving the rest in the ground till Spring to be dug up as required.



Parsnip—Hollow Crown or Guernsey

**Hollow Crown or Guernsey**—An excellent variety for the table. The roots are long with white skin, uniform in shape, tender and of the best quality. This variety is easily distinguished by leaves growing from the depression on top of crown or root. 85 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 40c; lb., 95c.

**Long White or White Dutch Sugar**—This variety of Parsnip is very hardy and will keep well through the Winter without protection. The roots are long, white, smooth, tender and of most excellent flavor. 100 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 40c; lb., 95c.

**Forcing Growth**—Nitrate of Soda is a very strong stimulant for young growing plants. Vegetables grown for their leaves and stems, like lettuce, cabbage, celery, etc., can be improved by a light application or two of Nitrate of Soda in the early growing period. Nitrate of Soda is readily soluble. Use one ounce to three gallons or one pound to fifty gallons of water. Apply this in small amounts some little distance from the plant. Repeat in from 20 to 30 days. See Index.



**StimUplant**  
Makes a  
Wonder Garden

Ger.—Erbsen.

**PEAS**

Scand.—Dan-Nor.

**StimUplant**  
Makes a  
Wonder Garden

(1 lb. to 100 feet of drill—80 to 100 lbs. to the acre)

**NOTICE**—If ordered alone add for mailing, 8c per ½-pound, 10c per pound, and 15c per 2 pounds

Peas are quite hardy, and for early crop sow as soon as the ground can be worked. Then sow in succession every two weeks until the first of August. They require moderately rich soil but not excessively rich or wet, or they will run too much to vine and will not bear heavily. The varieties can be planted in rows 12 to 18 inches apart, and the tall varieties 3 feet apart. The tall varieties should be staked by brush or tied up. By using the various classes of Peas and making several sowings of each, good Peas can be had for a long season. The pods should be kept picked; the plants will then continue to bear longer. For late sowing, use Early Dwarf varieties.

**Extra Early Round Seeded Varieties****ALASKA PEAS****Alaska or Earliest of All**

**Alaska or Earliest of All**—The earliest Pea on the market, height 2½ feet. It produces a large crop of well filled medium size pods completely filled with small round Peas. 45 days. Pkt., 5c; ½-lb., 25c; 1 lb., 35c; 2 lbs., 65c; 5 lbs., \$1.50.

**Extra Early Dwarf, Wrinkled Varieties****Peas—Little Marvel**

**Little Marvel**—A productive, wrinkled, seeded variety, growing about 18 inches tall; pods average 2½ inches in length. They are well filled with 6 or 7 large Peas of exceptionally fine quality. 60 days. Pkt., 5c; ½-lb., 25c; 1 lb., 35c; 2 lbs., 65c; 5 lbs., \$1.50.

**Extra Early Dwarf Wrinkled Varieties****Peas—Laxton's Progress**

**Laxton's Progress**—A new Pea and one of the best of the large podded, early, wrinkled sorts. Planted same time as Laxtonian, it is ready to pick a week earlier. The pods are 4 inches long and are filled with 7 or 8 large Peas of fine quality; height 18 inches. 60 days. Pkt., 5c; ½-lb., 25c; 1 lb., 40c; 2 lbs., 75c; 5 lbs., \$1.75.

**Little Gem**—An early dwarf variety, height 12 to 15 inches. The pods measure 2½ to 3 inches long and are well filled with large Peas of a delicious flavor. 60 days. Pkt., 5c; ½-lb., 20c; 1 lb., 35c; 2 lbs., 65c; 5 lbs., \$1.50.

**American Wonder**—A fine, extra early wrinkled variety, well suited for the private garden and quite productive. The flavor and quality are excellent and its dwarf habit makes it a desirable sort; height 12 inches. 55 days. Pkt., 5c; ½-lb., 20c; 1 lb., 35c; 2 lbs., 65c; 5 lbs., \$1.50.

**Carter's Daisy or Early Dwarf Telephone**—The vines grow about 18 inches in height. They are strong and always bear a good crop. The pods measure from 4 to 5 inches and contain 7 to 8 large light green Peas, a favorite garden and market variety. 65 days. Pkt., 5c; ½-lb., 20c; 1 lb., 35c; 2 lbs., 65c; 5 lbs., \$1.50.

On Peas in lots of 10 lbs. or more of one variety, deduct 5c per lb. when ordered by express or freight. Not prepaid.

Acme Bait-M prevents and repels cut worms, snails, slugs, grasshoppers and other insects. (See Insecticides.)

**INOCULATE THIS SEED  
WITH STIM-U-GERM**



**INOCULATE THIS  
SEED WITH  
STIMUGERM**

Ger.—Erbsen.

# PEAS

Scand.—Dan-Nor.

**INOCULATE THIS  
SEED WITH  
STIMUGERM**

**NOTICE**—If ordered alone add for mailing, 8c per ½-pound, 10c per pound, and 15c per 2 pounds

## Early Wrinkled Varieties

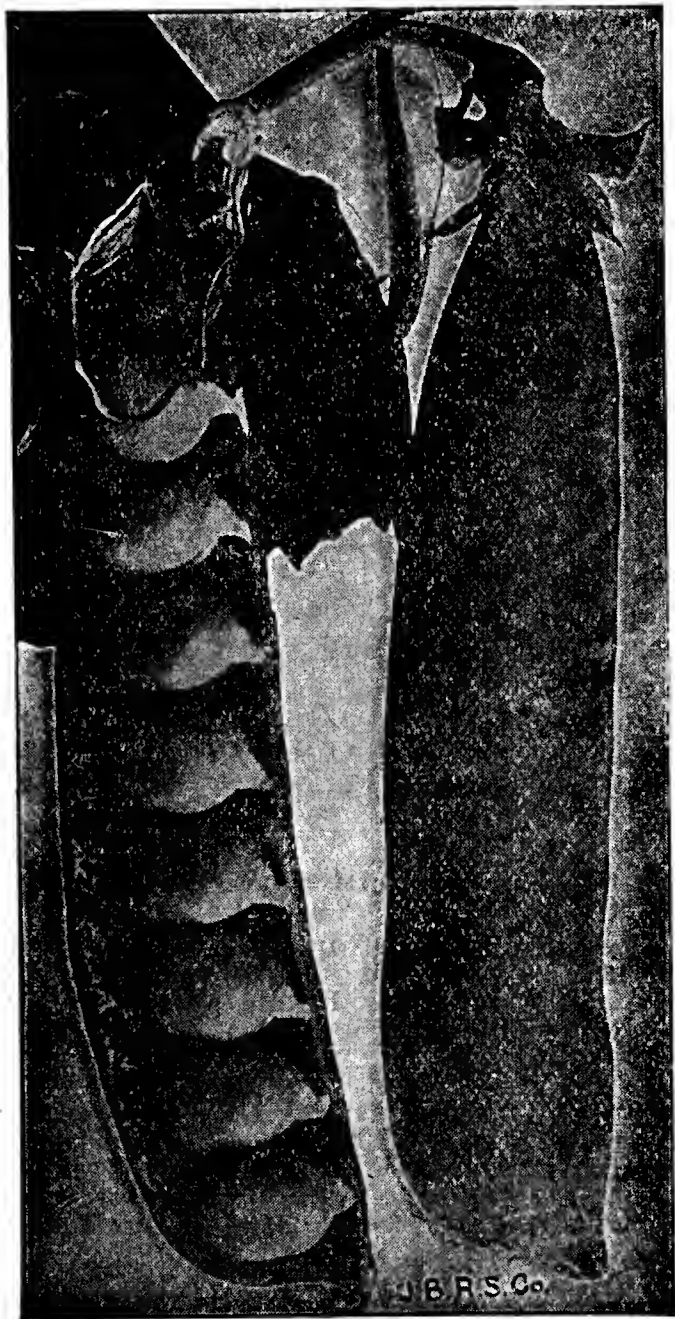
**Gradus or Prosperity**—Extra early wrinkled Pea. This remarkable Pea is not only large and of the best quality, but is within two or three days as early as the small round extra early sorts. Gradus is a wrinkled Pea, growing about 30 inches high; the pods are of a bright green color measuring 4 inches with luscious Peas, 8 or 9 in a pod. The Peas are of the highest table quality. A grand Pea in all respects. 60 days. Pkt., 5c; ½-lb., 20c; 1b., 35c; 2 lbs., 65c; 5 lbs., \$1.50.

**Laxtonian**—The largest podded of the early dwarf wrinkled varieties. Has no superior for either quality or productiveness. Ready to use within a very few days of the very earliest types. Height about 18 inches. The pods, four inches or more long, slightly curved, contain eight to ten wrinkled luscious Peas of finest flavor. Almost double the size of any other early dwarf wrinkled Pea. Vines are vigorous, foliage dark green, which enables it to resist the extreme conditions to which Peas are subjected in many sections of the United States. A good Pea for the market grower or the home garden. 65 days. Pkt., 5c; ½-lb., 25c; 1b., 40c; 2 lbs., 75c; 5 lbs., \$1.75.

## Main Crop Varieties

**Dwarf Champion**—A desirable main crop sort for the market or home garden. The vines are of a medium height, about two and one-half feet; stout, vigorous and hardy, and are unusually productive. The pods are large, often four inches long, broad, quite straight, deep green in color, handsome and very well filled with large Peas which are tender and unsurpassed in quality. Pkt., 5c; ½-lb., 20c; 1b., 35c; 2 lbs., 65c; 5 lbs., \$1.50.

**DESIRABLE COLLECTIONS  
OF VEGETABLE  
AND FLOWER SEEDS  
ARE OFFERED ON  
PAGE 75**



Laxtonian

**Telephone**—Tall—Medium late. This fine Pea is vigorous growing, about four feet high, and producing an abundance of large pods and filled with immense Peas, which are tender, sweet, and of excellent flavor. It has sterling merit, which gardeners appreciate. 75 days. Pkt., 5c; ½-lb., 20c; 1b., 35c; 2 lbs., 65c; 5 lbs., \$1.50.

**Roosevelt**—This splendid Pea is of the same podded type as the Telephone but the pods are larger and the Peas sweeter. The Roosevelt Pea surpasses all other large-podded varieties in productiveness. In other words a pint of Roosevelt Pea pods will yield as many shelled as a quart of most other sorts. Quality is always to be preferred to quantity, but a Pea which will give better quality and larger quantity is the Pea to plant; that Pea is the Roosevelt. A very popular variety. Height, 3 feet. 65 days. Pkt., 5c; ½-lb., 25c; 1b., 35c; 2 lbs., 65c; 5 lbs., \$1.50.

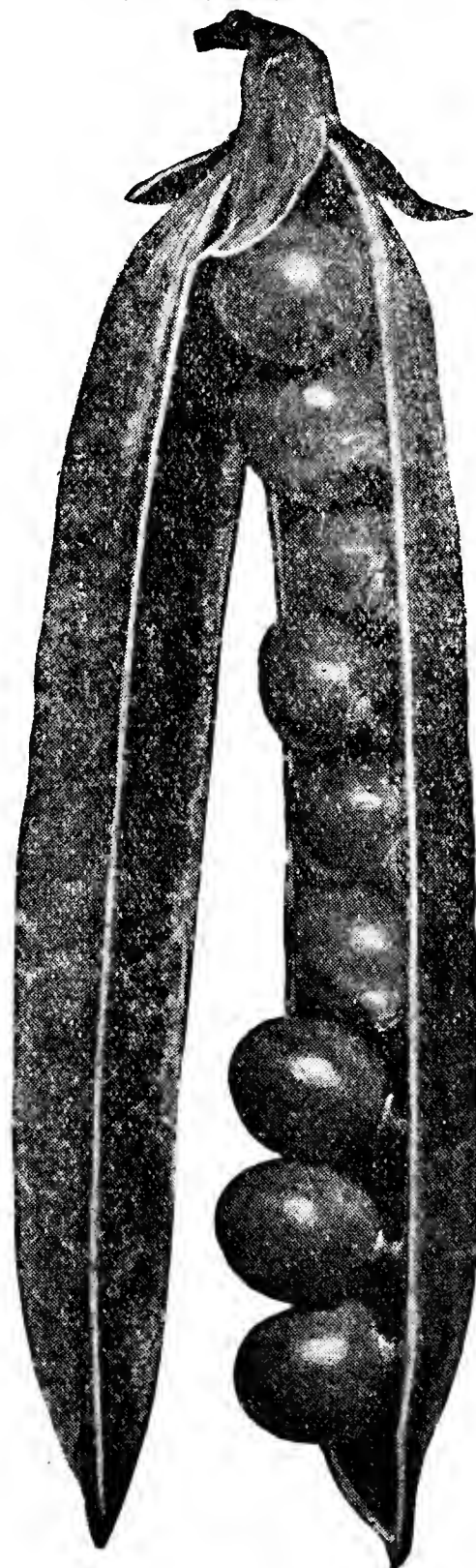
**Melting Sugar**—(edible pods). We consider this the best of the edible-podded sorts, in which the pods are used when half grown and are cooked in the same way as snap beans. The pods of Melting Sugar are very large, four to five and a half inches long, very tender and finely flavored. Very prolific, strong growing; about four or five feet high, with large, light-colored foliage. 85 days. Pkt., 10c; ½-lb., 25c; 1b., 40c; 2 lbs., 75c; 5 lbs., \$1.75.

**Large White Marrowfat**—The vines of this tall variety are about 4 feet high and of strong growth. The pods are large, about three inches long. Seed large, smooth, round and light creamy yellow. It is desirable for Summer use but is not as sweet and tender as most sorts, although undoubtedly one of the most productive. Grow this variety for your supply of dried Peas for Winter use. Pkt., 5c; ½-lb., 15c; 1b., 25c; 2 lbs., 45c; 5 lbs., \$1.00.

## PLANT A GARDEN—EAT MORE VEGETABLES

Vegetables are the natural source of vitamins. Vegetables contain more of this life force than any other food. Vegetable food is pure food. Vegetables are healthful. Grow more vegetables from our Peerless Tested Seeds. Eat more vegetables.

On Peas in lots of 10 lbs. or more of one variety, deduct 5c per lb. when ordered by express or freight not prepaid.



Peas—Roosevelt



## Peppers

Ger.—Pfeffer.

Scand.—Spankspebr.

(One ounce will produce 1,000 to 1,200 plants)

Peppers are growing in popularity among cooking experts for seasoning pickles, sauces and various dishes. Plant seed  $\frac{1}{4}$ -inch deep in a hot bed, cold frame or box in the house, set in rows about  $1\frac{1}{4}$  feet apart each way in the garden, about corn planting time. Hen fertilizer is excellent and will greatly increase the yield.



Large Bell

**Large Bell or Bull Nose—**

Flesh thick, hard and less pungent than most other varieties; excellent quality for use in salads or for stuffed Peppers. Sometimes three to four inches in length. 140 days. Pkt., 10c;  $\frac{1}{2}$ -oz., 25c; oz., 40c;  $\frac{1}{4}$ -lb., \$1.25.

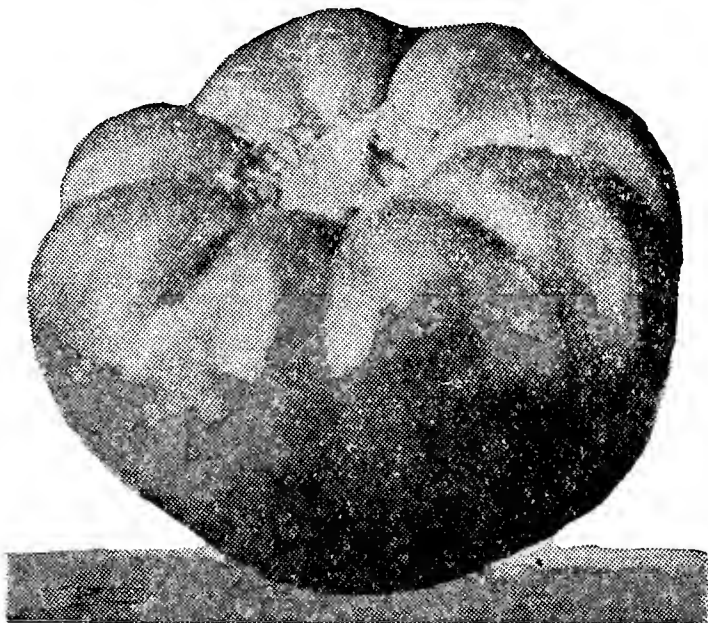
**Harris' Earliest—**The earliest Pepper in cultivation and therefore adapted for the North, as it matures before danger of

frost; of dwarf, compact growth; about 18 inches tall, bearing a wonderful crop of scarlet fruits of good marketable size;  $3\frac{1}{2}$  inches long and  $2\frac{1}{2}$  inches thick. The flesh is thick, sweet and always mild; matures in 125 days. Pkt., 10c;  $\frac{1}{2}$ -oz., 30c; oz., 50c;  $\frac{1}{4}$ -lb., \$1.50.

**Cayenne Long Red—**Pods are small, cone-shaped and red, hot and pungent; used for pickling. 130 days. Pkt., 10c;  $\frac{1}{2}$ -oz., 25c; oz., 40c;  $\frac{1}{4}$ -lb., \$1.25.

**Pimiento—The Mildest Flavored of All Peppers—**

It is extensively grown for pimientoes, pickles and pulp, maturing in 135 days. Its productiveness makes it a desirable sort for market gardeners as it yields heavy crops. Its smooth, thick flesh and uniform shape make it an excellent shipper. Should be planted in every garden where a delicious sweet-flavored Pepper is wanted, both for salad and for stuffing. Pkt., 10c;  $\frac{1}{2}$ -oz., 25c; oz., 40c;  $\frac{1}{4}$ -lb., \$1.25.

**"Topepo"—The World's Newest Vegetable**

The Topepo is of excellent flavor, combining the delicious qualities of the pepper and the tomato. Topepo is a cross between tomato and pepper.

Its gorgeous color of valid red, with dark green, make a very handsome table decoration. In flavor the Topepo resembles the Bell Pepper but it is sweeter, not so peppery and has the zest of the tomato flavor.

It is from four to five inches in diameter. In shape it resembles the Bell Pepper. The plants grow bushy. The foliage is a rich, deep green. Excellent for stuffing and baking, and its firm, thick walls do not break down when baked. It is also used for slicing in salads or dressings. It can be combined with any vegetable. Wonderful keeping quality. You will find the Topepo a fine addition to your home garden. Full directions on every package. Pkt., 25c; 5 pkts., \$1.00;  $\frac{1}{8}$ -oz., \$1.50;  $\frac{1}{4}$ -oz., \$2.50.

Perhaps you have a friend who would appreciate the gift of novelties in flower or vegetable seeds

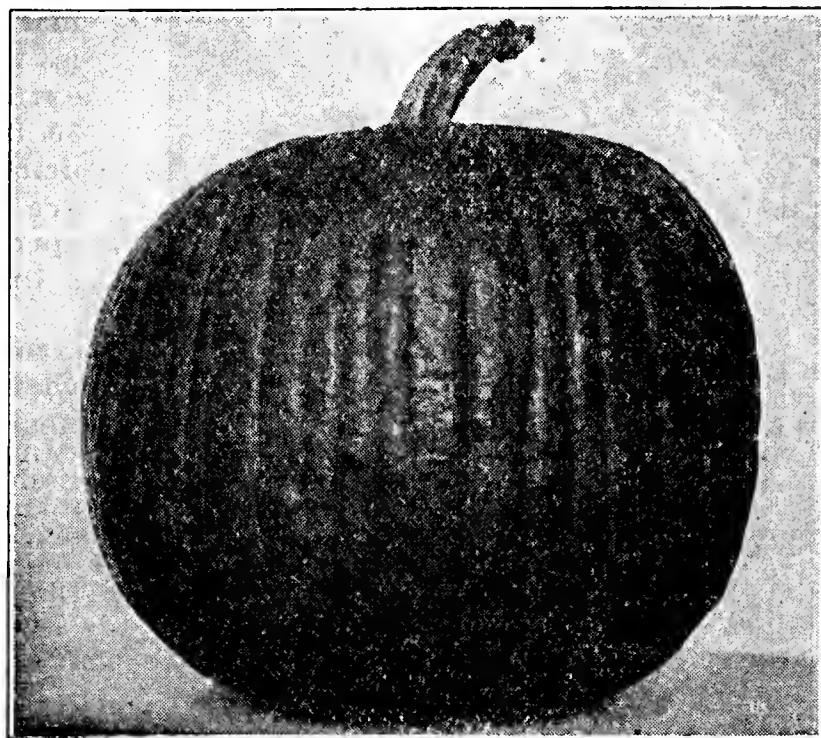
## Pumpkins

Ger.—Melonen—Kaubis.

Scand.—Graesker.

(One ounce for 25 hills; 3 lbs. to the acre)

**Culture—**The common practice is to drop two or three seeds in every third or fourth hill in the corn field, but if cultivated on a large scale, the seed may be sown in hills 8 feet apart each way, four plants to each hill.



Pumpkin—Early Small Sugar or Pie

**Early Small Sugar or Pie—**For pies this cannot be excelled; fruits round and small, with deep yellow skin, plainly ribbed. Flesh sweet and fine grained. 70 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 40c; lb., \$1.00, postpaid.

**Japanese Pie — A Large, Dark Green Crookneck**

**Sort—**The flesh is very thick, of a rich salmon color, fine grained, dry and sweet. Of medium size, early, very productive and a good keeper. Highly desirable for pies. Ripens in 70 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 45c; lb., \$1.25.

**Large Cheese or Kentucky Field—**A large, round, flattened Pumpkin with broad ribs; the skin is of rich cream color, flesh yellow, tender and of excellent quality. Extra fine quality for family and market use; fine for pies and rich food for stock. 90 days. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 25c; lb., 75c.

**"Jumbo" or "King of Mammoth"—**Fruits grow to enormous size. Salmon-orange skin; very thick, bright yellow flesh, which is fine grained and of excellent quality for pies. 90 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 45c; lb., \$1.25.

**Winter Queen or Winter Luxury —**Medium size, nearly round; skin a beautiful deep orange-yellow, finely netted. Very productive, sweet, tender, and an excellent keeper. 80 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 45c; lb., \$1.25.

**Connecticut Field—The Best Yellow Field Sort—**

Also known as Big Tom. A large round or slightly oval shaped Pumpkin. Skin reddish orange color, with rich orange yellow flesh. Extensively grown for stock feeding, and generally planted with corn, producing enormous crops in 90 days. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 25c; lb., 75c.



Pumpkin—Connecticut Field



# S. N. & S. Co's. Peerless Radishes

## Radish

**Ger.—Radies.**

(1 oz. will sow 100 ft. of drill; 8 to 10 lbs. per acre)

Being a root crop, good brittle Radishes require light, well-worked soil, made very rich and mellow to insure quick growth. If permitted to grow slowly, they become tough and pithy. They are easy to grow and frequent planting will insure a constant supply for the table. Thin the very young plants somewhat. Summer varieties can be sown all Spring and well into Summer. Winter varieties, however, require some time to mature; plant in June to July.

## Early Round Varieties

**Early Scarlet Turnip, White Tipped**—A splendid early Radish; very attractive appearance; its white tip and deep scarlet are always pleasing to the eye. Very tender and of good flavor. 25 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 90c.



**Extra Early Saxa**—The earliest of all Radishes and slow to run to seed. We recommend it for the first planting in the garden, and also for forcing in hot bed and greenhouse. Round, bright scarlet, with the smallest possible tops. Exceptionally crisp and tender and of fine flavor. 20 days. Pkt., 10c; oz., 20c; ¼-lb., 40c; lb., \$1.00.

**Early Scarlet Turnip**—A well-known Radish for early home and market use. Matures quickly; crisp and of good flavor. 25 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 90c.

**Crimson Giant Globe**

**Crimson Giant Globe**—Early globe shaped and grows to an unusually large size; is always tender and of mild flavor. It remains in perfect condition a remarkably long time and unlike other forcing varieties, does not become pithy even when twice their size in diameter. 32 days. Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.00.

**Early White Turnip**—A very quick-growing, small, turnip-shaped variety. Color, clear white; very mild flavor. 35 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 90c.

**VOLCK DESTROYS ALL GARDEN PESTS**  
(See Index under Insecticides)



**Radish—Early Scarlet Turnip**

**Early Scarlet Globe**—One of the earliest; flavor mild, crisp, juicy and tender. It forms a small top and will stand a great amount of heat without becoming pithy. 25 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 95c.

## Radish

Radish seed can be planted about as early as any of the vegetables. It is important that Radishes be grown quickly, for if they come on slowly, they will be pithy and strong. Successive plantings may be made every two weeks.

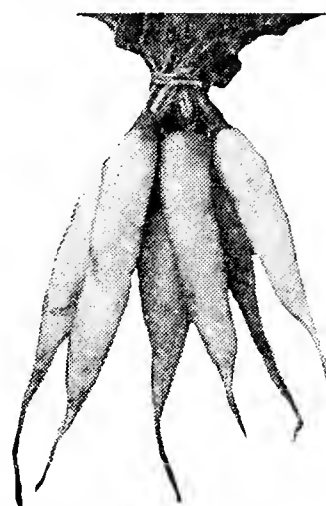
**French Breakfast or Half Long**—Medium size, olive-shaped Radish; small top, scarlet except at the tip, which is white; a splendid table variety for either forcing or outdoor culture. Makes rapid growth. A great favorite. 30 days. Pkt., 5c; oz., 20c; ¼-lb., 35c; lb., 90c.

## Summer Radishes—Long Varieties

Grow larger than early varieties and remain in good condition longer.

**Long White Vienna or Lady Finger**—An extra fine garden Radish. Both skin and flesh are pure white; the flavor is quite mild, and the roots seldom become pithy, remaining in good condition for a considerable length of time. 30 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 95c.

**White Icicle**—The roots of this Radish grow about six inches long, are of transparent whiteness with short leaves, and make their growth very quickly. It is of excellent flavor and equally valuable for home use and market gardeners. 30 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 90c.



**Radish—Icicle**

**White Strasburg**—The skin and flesh are white and agreeably mild, being crisp and refreshing; keeps crisp and tender a long time. 40 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 90c.

**Long Scarlet Short Top**—This bright scarlet short topped sort is about 5 inches long; is uniformly straight and smooth, crisp and brittle; an excellent variety for private gardens or market. 35 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 95c.

## Winter Varieties

**Make your first planting the middle of June, a second the middle of July.** Sow thinly in rows not less than 15 inches apart between the rows, and thin out to stand 6 inches apart in the row; firm and well-drained soil is essential. Apply water during dry weather. Winter Radishes are easily stored for Winter use in any frost-proof cellar in damp sand.

**China Rose**—One of the best Fall and Winter varieties; firm, white flesh. 60 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 90c.

**Mammoth White China or Celestial**—Flesh solid and brittle; pure white; flavor mild or slightly pungent. A splendid keeper for use in Winter; very showy. 70 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 90c.

**Long Black Spanish**—The latest and hardiest of all the Winter Radishes; roots black, long, large and good keeper; pull before severe frost and store in damp sand in root house. 70 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 90c.

**Round Black Spanish**—A round form of above. 60 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 90c.

**Sakurajima or Mammoth Japan**—This is a mammoth variety, and is said to be the largest variety that is obtainable in Japan. Very tender, and round. Pkt., 10c; oz., 20c; ¼-lb., 60c; lb., \$1.75.

**Nerima or Mikado**—A wonderful product of the Orient, with snow-white flesh; very tender and under good conditions growing from two to three feet in length. Pkt., 10c; oz., 20c; ¼-lb., 60c; lb., \$1.75.

**SEE OUR NEW NOVELTIES OF FLOWER SEEDS—PAGE 52**



Rhubarb

Ger.—Rhababer. Scand.—Rhababer.

(One ounce to 125 feet of drill—1 lb. to acre)  
Seed should be sown early in the Spring in shallow drills 1 foot apart; thin out to stand 4 to 5 inches apart in the row. The following Spring the roots should be transplanted into permanent beds and placed 3 feet apart each way; the year following that, or two years after sowing the seed, the Rhubarb may be used. Do not cut Rhubarb; pull it so that it comes out whole from the crown.

For forcing, take up some of the larger roots and plant in a dark corner of the cellar. Cultivate Rhubarb frequently, even after the cutting season is over, and top-dress with fertilizer in the Fall at least every other year.

**Victoria**—A variety with large, dark red stalks with plenty of juice. Becoming the most popular variety. Pkt., 10c; oz., 25c; ¼-lb., 75c; ½-lb., \$1.00; lb., \$2.00.

New Guinea Butter Bean



New Guinea Butter Bean

One of the Most Delicious of All Vegetables

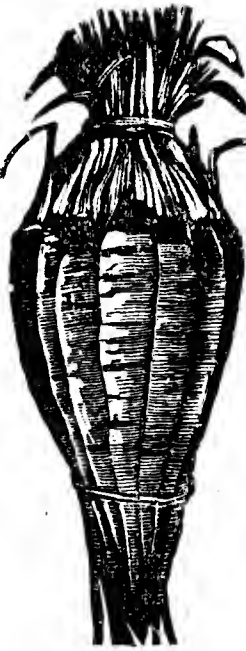
The New Guinea Butter Vine is a wonderful vegetable. Grows to enormous size, one fruit often weighing 15 lbs., and from 3 to 5 feet long. In growth it is similar to the squash, and can be grown in the same manner or can be trellised up. It is more productive than squash and much easier to grow. The vines are always free from disease and insect pests, and stand more neglect and abuse than any other vegetable vine we know of. The fruits should be eaten when small, while the fuzzy growth is yet on. It can be cooked like squash and fried like egg plant. When cut up in small pieces and cooked with cream or fried it is most delicious. If trellised up, the vines take up so little space, no garden is too small for at least two or three plants. Pkt., 10c; 3 pkts., 25c; oz., 50c, postpaid.

Salsify or Oyster Plant

Ger.—Hafer-Wurzel. Scand.—Havrerod.  
(One ounce will sow 100 feet of drill)  
(8 lbs. to the acre)

**Culture**—Sow the seed in light, deep soil, early in Spring, in drills 12 inches apart and 1 inch deep, thinning out the young plants to 4 or 5 inches. The roots will be ready for use in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground till Spring, but should be dug before growth starts.

**Mammoth Sandwich Island**—We consider this the largest and most profitable Salsify in cultivation; roots are two to three times the size of the ordinary Salsify, and of more agreeable flavor. It is pure white in color, and invaluable to market gardeners. 90 days. Pkt., 10c; oz., 25c; ¼-lb., 75c; lb., \$2.25.



Salsify

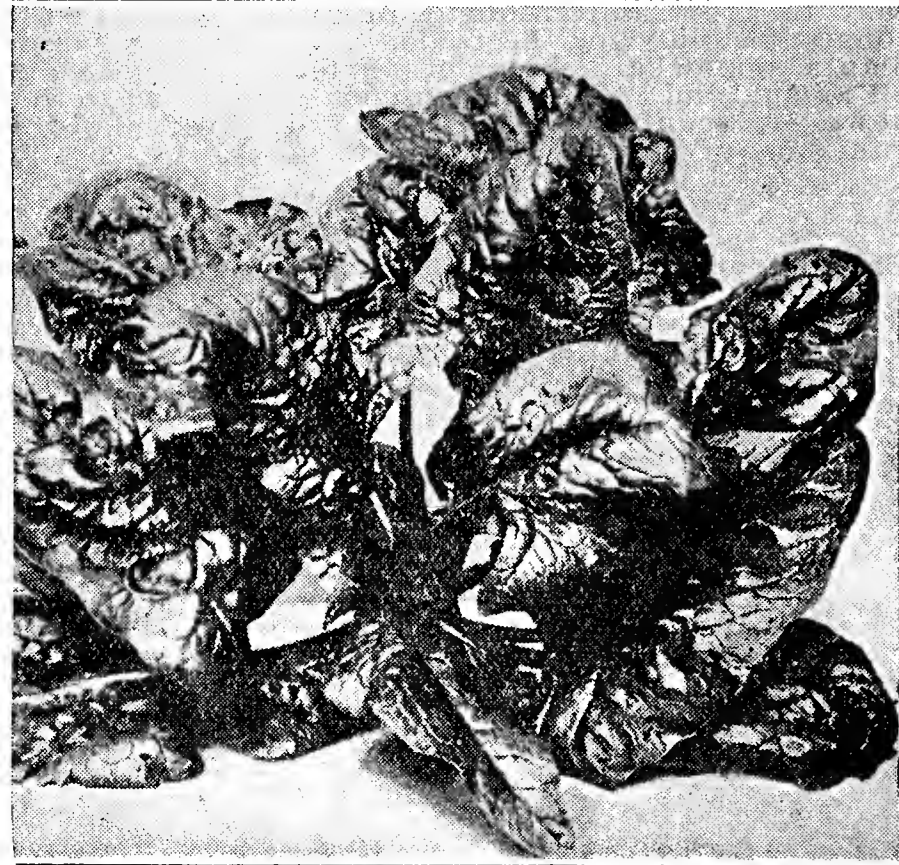
FLOWER AND VEGETABLE SEED COLLECTIONS—(See Page 74)  
SWEET PEA NOVELTIES—(See Page 65)

Spinach

Ger.—Spinat. Scand.—Spinat.

(One ounce for 100 feet of drill)  
(10 to 12 pounds in drills for one acre)

Sow early in the Spring and make succession sowing every ten days until the end of May. For late Summer crop sow September 1st. No Spinach except the New Zealand will stand July and August heat without shooting to seed.



Spinach—Round Thick Leaved

**Round Thick Leaved**—This variety grows quickly, forming a cluster of slightly wrinkled leaves of deep green color and good quality. The leaves are broad arrow-shaped but sometimes rounded. This is an extensively used medium early sort for the market and home garden. 45 days. Pkt., 5c; oz., 15c; ¼-lb., 30c; lb., 65c.

**Long Standing**—The best variety for family use, as it remains in good condition longer without running to seed than the round leaved sorts. Thick. Well-flavored leaves. 45 days. Pkt., 5c; oz., 15c; ¼-lb., 30c; lb., 65c.

**Bloomsdale Savoy Leaved**—One of the best of the savoy leaved type, with thick, heavily curled leaves. Very succulent and tender. 40 days. Pkt., 5c; oz., 15c; ¼-lb., 30c; lb., 65c.

**King of Denmark**—This remarkable new Spinach is far superior to any of the above sorts. Its principal advantage is that it stands two weeks longer before running to seed than any other variety. The leaves are large, rounded. Savoy or crumpled of deep green color. Ready to cut in 48 days. Pkt., 5c; oz., 15c; ¼-lb., 30c; lb., 65c.

**New Zealand—(The Hot Weather Spinach)**—The stems and leaves of this variety are soft, thick, fleshy and crystalline in appearance. Started early in the Spring, the plants will resist heat and make strong growth during the Summer. 55 days. Pkt., 10c; oz., 20c; ¼-lb., 40c; lb., \$1.00.

Seeds for Flavoring, Medical and Other Purposes

	Postpaid ¼-lb.	1 lb.
Celery—For flavoring and soup (not for sowing)	.20	.60
Dill—For flavoring	.15	.50
Pumpkin—(For medical purposes)	.25	.75
Watermelon—(For medical purposes)	.15	.40

Lentils

**Lentils**—Growth and habit similar to the Pea. Is in great demand for cooking purposes; makes excellent soup. Lb., 20c, postpaid, 29c; 5 lbs., 85c, postpaid, \$1.00.

Have a supply of Vegetable Seeds on hand to replace the varieties used up. Beans, Beet, Lettuce, Radish, and Spinach are all suitable for filling in. Keep your garden producing for you.

LOOK OVER OUR VARIOUS SEED COLLECTIONS BEFORE MAILING YOUR ORDER



Prices of High Grade,  
Clean, Adaptable

FIELD SEEDS

Terms: Cash With Order  
F. O. B. Helena, Mont.

Arrange to Seed Liberally This Season—Lowest Prices in Years

THE PRICES QUOTED REPRESENT VALUE ON THE DATE OF ISSUE. AS THE SEASON ADVANCES, PRICES MAY FLUCTUATE SOMEWHAT. WHERE A CHANGE IN SEED VALUES TAKES PLACE, IF HIGHER, ORDERS WILL BE FILLED TO THE FULL VALUE OF REMITTANCE RECEIVED. IF LOWER, BALANCE OVER REMITTED WILL BE RETURNED. TRANSPORTATION CHARGES ARE PAID BY THE CUSTOMER. IF WANTED BY PARCEL POST, ADD POSTAGE.

(Prices Subject to Change Without Notice)

All Quotations Are F. O. B. Helena

CATALOG—PAGE 100					CATALOG—PAGE 106				
Lawn Grass, Kentucky Blue Grass, White Clover, Creeping Bent, Golf Links Mixture. WRITE FOR PRICES in Larger Quantities						1lb.	10lbs.	100lbs.	
					BROME GRASS .....	\$ .25	\$1.80	\$13.25	
CATALOG—PAGE 102					TALL MEADOW OAT GRASS .....	.35	3.10	.....	
PEDIGREED MONTANA ALFALFA in Sealed Bags 5lbs. 10lbs. 25lbs. 100lbs.					SLENDER WHEAT GRASS .....	.20	1.30	7.50	
Grimm, Reg., Blue Tag.....					RED TOP				
Cossack, " Blue " ....					"Peerless" .....	.25	1.80	13.25	
					"Placer" .....	.20	1.70	12.00	
ALFALFA 1lb. 10lbs. 100lbs.					PERENNIAL RYE GRASS..	.20	1.45	8.75	
Grimm, Affidavit .....									
Cossack, Affidavit .....					CATALOG—PAGE 107				
CATALOG—PAGE 103					TIMOTHY 1lb. 10lbs. 100lbs.				
					"Peerless" .....	\$ .15	\$1.15	\$ 6.25	
Hardy Montana, "Peerless" 1lb. 10lbs. 100lbs.					"Placer" .....	.15	1.00	5.50	
Extra No. 1 .....					Timothy and Alsike				
Hardy Montana, "Placer" 1lb. 10lbs. 100lbs.					20% Mixed .....	.20	1.40	9.25	
No. 1 .....					CRESTED WHEAT GRASS..	.30	2.90	24.75	
Hardy Montana, "Quartz" 1lb. 10lbs. 100lbs.					SUDAN GRASS .....	.15	1.00	4.00	
No. 2 .....					REED'S CANARY GRASS....	.65	5.50	.....	
CATALOG—PAGE 104					ORCHARD GRASS .....	.25	2.00	13.75	
CLOVER 1lb. 10lbs. 100lbs.									
Alsike, "Peerless" .....					CATALOG—PAGE 108				
Alsike, "Placer" .....						1lb.	10lbs.	100lbs.	
Medium Red, "Peerless" .....					MEADOW MIXTURE,				
Medium Red, "Placer" .....					"Huntley" .....	\$ .25	\$2.25	\$17.50	
Mammoth Red, "Peerless" .....					MEADOW MIXTURE,				
Sweet White, "Peerless" .....					"Peerless" .....	.20	1.80	15.00	
Sweet White, "Placer" .....					PEAS—FIELD				
Sweet White, "Quartz" .....					White Marrowfat .....	.15	1.25	6.50	
Sweet Yellow, "Peerless" .....					Mixed for Hogs .....	.....	.....	2.50	
Sweet Yellow, "Placer" .....					Alaska .....	.15	1.00	5.25	
Sweet Yellow, "Quartz" .....					Austrian .....	.20	1.25	6.50	
Sweet White Arctic or Grundy Co. 1lb. 10lbs. 100lbs.					VETCH				
CATALOG—PAGE 105					Spring .....	.20	1.25	7.00	
					Winter or Hairy .....	.25	1.70	.....	
Clover Altaswede (New Hardy) .....									
White Dutch, "Peerless" .....					CATALOG—PAGE 109				
White Dutch, "Placer" .....						1lb.	10lbs.	100lbs.	
KENTUCKY BLUE GRASS, "Super" .....					MILLET				
KENTUCKY BLUE GRASS, (21-lb. "Peerless") .....					White Wonder .....	\$ .15	\$ .85	\$ 4.50	
KENTUCKY BLUE GRASS, (19-lb. "Placer") .....					Golden or German .....	.15	.85	4.50	
MEADOW FESCUE—Eng. 1lb. 10lbs. 100lbs.					Siberian or Kursk .....	.15	.85	4.25	
Blue Grass .....					Hungarian .....	.15	.90	5.00	
					Japanese .....	.15	.95	5.50	
					Turghai .....	.15	.90	5.25	
					Early Fortune .....	.15	.85	4.25	
					Hog or Broom Corn.....	.15	.85	4.25	



FIELD SEEDS—(Continued)

FIELD BEANS	1lb.	10lbs.	100lbs.
Great Northern Navy .....	.15	.90	4.75
Small White Navy .....	.20	1.00	6.00
Mexican Red or Chili.....	.15	1.10	7.00
Fordhook Bush Lima .....	.20	1.20	7.50
Lentils .....	.20	1.70	.....
SOY BEANS			
Wisconsin Early Black.....	.15	1.00	5.75
Manchu .....	.15	.90	5.25
Illini .....	.15	.90	5.25
SORGHUM—Minnesota			
Amber Cane .....	.15	.90	4.75
SORGHUM—Southern			
Amber Cane .....	.15	.90	4.25
FETERITA .....	.15	.90	3.50

CATALOG—PAGE 110

	1lb.	10lbs.	100lbs.
KAFFIR CORN—White			
Seeded .....	\$ .10	\$ .75	\$ 4.00
BUCKWHEAT—Silver Hull..	.10	.75	4.00
“ —Japanese ....	.10	.75	4.00

FLAX

Bison .....	bu. \$2.75	.15	1.25	4.75
Reserve .....	“ 2.40	.15	1.20	4.25
Montana Russian....	“ 2.25	.15	1.20	4.00
Bison and Reserve Grown from Registered Stock				

SUNFLOWER—Mammoth

Russian .....	.15	1.25	6.75
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RAPE—Dwarf Essex—

For Stock .....	.20	1.30	7.50
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CATALOG—PAGE 111

“REGISTERED GRAINS”	100lbs.	1000lbs.
Trebi Barley .....	\$1.85	\$17.00
Horn Barley .....	1.75	16.00
Victory Oats .....	1.90	18.00
	Bu.	10 Bu.
10B Marquis Wheat .....	1.40	13.00

“STANDARD GRAINS”

SPRING WHEAT	Bu.	10 Bu.
Marquis, Hard Spring .....	\$1.00	\$ 9.00
Federation, Soft Spring .....	1.10	10.00
Dicklow Club Type, Soft Spring.....	1.10	10.00

WINTER WHEAT

Turkey Red.....	} Write for Prices
Karmont.....	
New Turk, Beardless.....	

Use New Improved Ceresan to Treat Wheat

STANDARD OATS	100lbs.	1000lbs.
Corriente, New Large .....	\$2.30	.....
Victory, 46-lb. Fancy .....	1.65	\$15.00
Swedish Select .....	.....	.....
Montana White .....	1.55	14.00
Markton, for dry land.....	1.75	16.50
Gopher, for dry land .....	1.85	17.50

CATALOG—PAGE 112

RYE	100lbs.	1000lbs.
Spring Prolific .....	.....	.....
Spring, Fancy Recleaned .....	\$1.80	\$17.00

Fall Amber .....	1.70	16.00
Fall Rosen .....	1.70	16.00

CATALOG—PAGE 113

BARLEY	100lbs.	1000lbs.
White Hulless .....	\$1.85	\$17.50
Blue Beardless and Hulless “Faust”	1.75	16.50
Six-Row Trebi (Bearded).....	1.55	14.50
Horn, Dry Land, Two-Row.....	1.65	15.50
Hannchen, Two-Row .....	1.85	17.50
SPELTZ, or Emmer .....	2.60	25.00

CATALOG—PAGE 114

FIELD CORN	1lb.	10lbs.	Bu.
Northwestern Dent .....	\$ .12	\$ .90	\$ 2.25
Minnesota No. 23 .....	.12	1.00	2.30
Rustler White Dent (Pioneer)	.12	.90	2.25
Minnesota No. 13 .....	.12	.90	2.25
Falconer Yellow Dent.....	.12	.90	2.25
Gehu Yellow Flint .....	.12	1.00	2.30
North Dakota White Flint....	.12	1.00	2.30
Squaw or Rainbow Flint.....	.12	.90	2.25
Pop Corn, “Jap. Hulless,”			
100 lbs., \$7.50 .....	.15	1.10	.....

Treat All Corn with Semesan Jr.

CATALOG—PAGE 115

SEED POTATOES—Treat All Plantings with Semesan Bel—the Instantaneous Dip

	25lbs.	50lbs.	100lbs.
New Katahdin .....	\$1.00	\$1.75	\$ 3.00
Early White Gold .....	1.00	1.75	3.00
Early Ohio, Standard .....	.80	1.25	2.00
Triumph “Bliss,” Standard....	.80	1.25	2.00
Netted Gem, Standard .....	.80	1.25	2.00
Leggerini’s Early Italian,			
Standard .....	.80	1.25	2.00
Irish Cobbler, Standard .....	.80	1.25	2.00

SEED POTATOES—“Certified” Stocks

Early Ohio, Certified .....	.....	.....	.....
Early Bliss Triumph,			
Certified .....	.....	.....	.....
Early Irish Cobbler, Certified	.....	.....	.....
Netted Gem, Certified .....	.....	.....	.....

Write for Special Prices on Large Lots

VIGORO

A SWIFT & COMPANY PRODUCT

Complete Plant Food

Endorsed by Leading Landscape Gardeners and Nurserymen

100 lbs., \$5.00; 50 lbs., \$3.00; 25 lbs., \$1.75, bags. 5-lb package, 50c. Clean, odorless—easy to use—can be sown by hand like grass seed. Freight paid to your station on 100-lb. orders.

AMOUNT OF VIGORO TO USE

Standard Application—4 pounds to every 100 square feet (10 feet x 10 feet).

Light Application—2 pounds to every 100 square feet (10 feet x 10 feet).

Important—Vigoro must be applied evenly for best results.



USE THIS SHEET FOR TREES, PLANTS AND NURSERY STOCK ONLY

STATE NURSERY & SEED CO., Helena, Montana

NURSEYMEN—SEEDSMEN—FLORISTS

MANUFACTURERS OF POULTRY AND DAIRY FOODS

Date.....193..... Amount Enclosed \$.....

Name.....  
(Write Very Plainly)

Street and No.....

Post Office.....

Freight or Express Station..... State.....

IS THERE A FREIGHT AGENT AT YOUR STATION? { YES OR NO.....

SHIP BY— MARK X AFTER METHOD OF SHIPMENT DESIRED —PARCEL POST ☐ EXPRESS ☐ FREIGHT ☐

If out of variety ordered, have we your permission to substitute equal or better?.....

In case price has declined or advanced, shall we fill order for amount allowed?.....

ZONE ORDER NUMBER

Do Not Write in These Spaces

1933

STATE NURSERY & SEED CO. do not give, and their agents and employees are forbidden to give, any warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, plants, etc., they send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned and the money paid for them will be promptly refunded.

✓	Quantity	KEEP A COPY	NAME OF ARTICLE WANTED (Please use one line for each item)	OF THIS ORDER	Dollars	Cents
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
IF YOU HAVE ANYTHING TO WRITE US WITH THIS ORDER, PLEASE USE A SEPARATE SHEET					Total—or Carried Forward	







USE THIS SHEET FOR SEEDS, BULBS AND SUPPLIES

STATE NURSERY & SEED CO., Helena, Montana

NURSEYMEN—SEEDSMEN—FLORISTS

MANUFACTURERS OF POULTRY AND DAIRY FOODS

Date.....193..... Amount Enclosed \$.....

Name.....  
(Write Very Plainly)

Street and No.....

Post Office.....

Freight or Express Station.....State.....

IS THERE A FREIGHT AGENT AT YOUR STATION? { YES OR NO.....

SHIP BY— MARK X AFTER METHOD OF SHIPMENT DESIRED —PARCEL POST ☐ EXPRESS ☐ FREIGHT ☐

If out of variety ordered, have we your permission to substitute equal or better?.....

In case price has declined or advanced, shall we fill order for amount allowed?.....

STATE NURSERY & SEED CO. do not give, and their agents and employees are forbidden to give, any warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, plants, etc., they send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned and the money paid for them will be promptly refunded.

✓	Quantity	KEEP A COPY	NAME OF ARTICLE WANTED (Please use one line for each item)	OF THIS ORDER	Dollars	Cents
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IF YOU HAVE ANYTHING TO WRITE US WITH THIS ORDER, PLEASE USE A SEPARATE SHEET				Total—or Carried Forward		

If in Need of More Order Sheets and Self-Addressed Envelopes Ask for Them, They Will Be Mailed Free





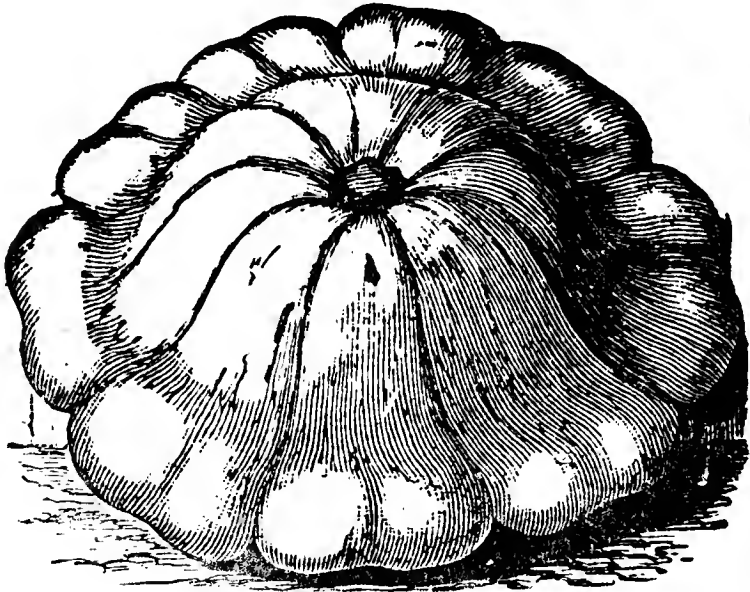


Squash

Ger.—Kurbiss. Scand.—Squash-Graeskar.  
(One ounce to 25 hills; 3 to 4 lbs. to the acre)

There are two distinct types. The Summer varieties are cultivated for the tender young fruits which are used in the green or growing stage during the Summer months. The Winter Squashes produce larger hard-shell fruits, which are gathered in the Fall before there is danger of their being injured by frost, and stored in a warm, dry place for Winter use. Be sure and leave part of the stem attached to the fruits. A few varieties may be used in either state.

Summer Varieties



Squash—Early White Bush

**Early White Bush**—One of the best early maturing varieties. The fruit is a beautiful waxy white of superior quality, somewhat flattened, scalloped along the edge and of medium size. It has a lasting delicious sweetness. 55 days. Pkt., 5c; oz., 20c; ¼-lb., 45c; lb., \$1.25.

**Vegetable Marrow** — The favorite English Long White sort. The fruit is very desirable in size, from 9 to 19 inches in length and from 4 to 6 inches in diameter. Skin white, flesh white, and of rich flavor. Distinct from all other varieties of Squash. 65. days. Pkt., 10c; oz., 25c; ¼-lb., 65c; lb., \$1.75.



Early Summer Crookneck

**Early Summer Crookneck** — Very early medium sized, about 15 inches long and matures in 70 days. Flesh has a deep golden yellow color, is dry and of most agreeable flavor. Is the most highly esteemed of all Summer varieties. 60 days. Pkt., 5c; oz., 20c; ¼-lb., 45c; lb., \$1.25.

Collection---Salad Greens

Very few people are acquainted with salad vegetables other than head lettuce. We offer the following collection of palatable, deliciously flavored green vegetables, to supply greens from April through the Winter:

Cos Lettuce	Chinese Celery Cabbage
Corn Salad	French Endive or Chicory
Endive	Water Cress

One pkt. of each for 35c, postpaid

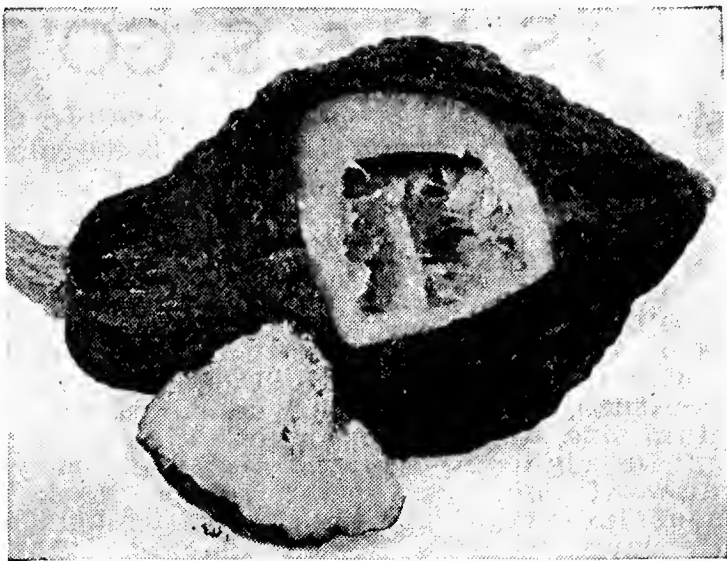
Tobacco

(One ounce will plant an acre)

Grow Your Own Smoking Tobacco

**Cultural Directions**—The plants should be started in a hot bed, or in pots or boxes in the house, and transplanted outdoors, three feet apart each way, when danger of frost is past.

**Connecticut Seed Leaf**—The hardiest variety in cultivation. Pkt., 10c; ½-oz., 35c; oz., 60c.



Squash—Improved Hubbard

Fall or Winter Varieties

**Red or Golden Hubbard**—Almost identical to the Warded Hubbard, the chief distinction being that the heavily warted skin is of a rich orange yellow, turning to a deep salmon red when ripened. It is of most attractive appearance, fine quality and is one of the most profitable market sorts. 105 days. Pkt., 5c; oz., 25c; ¼-lb., 45c; lb., \$1.25.

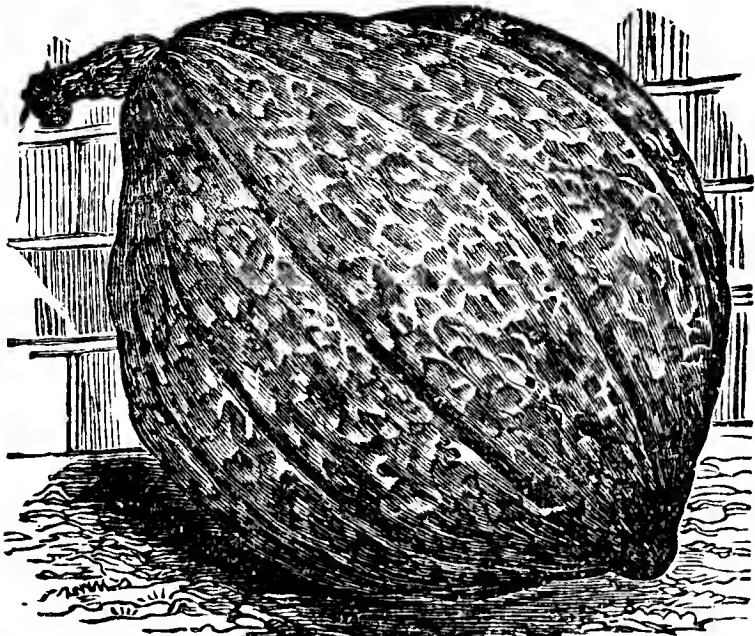
**Improved Hubbard**—This old and popular favorite is still one of the very best Winter Squashes grown; always richly flavored. The vines are luxuriant growers and very productive, yielding large Squashes of dark bluish green color, weighing often 10 to 25 lbs. each. Properly stored it may be kept from September to May. 100 days. Pkt., 5c; oz., 25c; ¼-lb., 45c; lb., \$1.25.

**Delicious**—This Fall and Winter Squash is more delicious than the well known Hubbard. The color of skin is green; size about same as Hubbard, weighing from 5 to 10 lbs. The shell is not very thick, but is hard and strong; the flesh is thick, bright yellow, fine grained and of splendid quality. For table use, either as a Fall or Winter Squash, it cannot be excelled. 110 days. Pkt., 5c; oz., 25c; ¼-lb., 45c; lb., \$1.25.

**Warded Hubbard**—It is similar in size and quality to the Hubbard. The vines are vigorous and productive, while the large dark olive-green fruits are rather more heavily warted. Very handsome in appearance; an excellent keeper and of splendid quality. 110 days. Pkt., 5c; oz., 25c; ¼-lb., 45c; lb., \$1.25.

**Table Queen**—Sometimes called Des Moines, Acorn, Individual, and Danish Squash—Cut in half and baked for twenty minutes, it will give you a delicious meal you will long remember, and fine for pies. You will be pleased with the quality of this Squash. The fruits are a nice size to handle, 6 to 7 inches long and 4 to 5 inches in diameter. The shell is hard and smooth, so that they keep as well as the Hubbard. The color is dark green, acorn shaped, makes an ideal individual Squash. Ripens in the Fall. Pkt., 10c; oz., 25c; ¼-lb., 60c; lb., \$1.50.

**Boston Marrow**—Is a very popular Squash, very productive Fall and Winter variety of medium to large size, oval shape, and thin skin. It is much used for canning and making pies. The fruits when ripe are bright orange with a shading of light cream color. The flesh is of rich salmon yellow color, fine grained and of excellent flavor. 100 days. Pkt., 5c; oz., 20c; ¼-lb., 40c; lb., 95c.



Squash—Boston Marrow



# S. N. & S. CO'S. HARDY TOMATOES

**Ger.—Liebesapfel.**

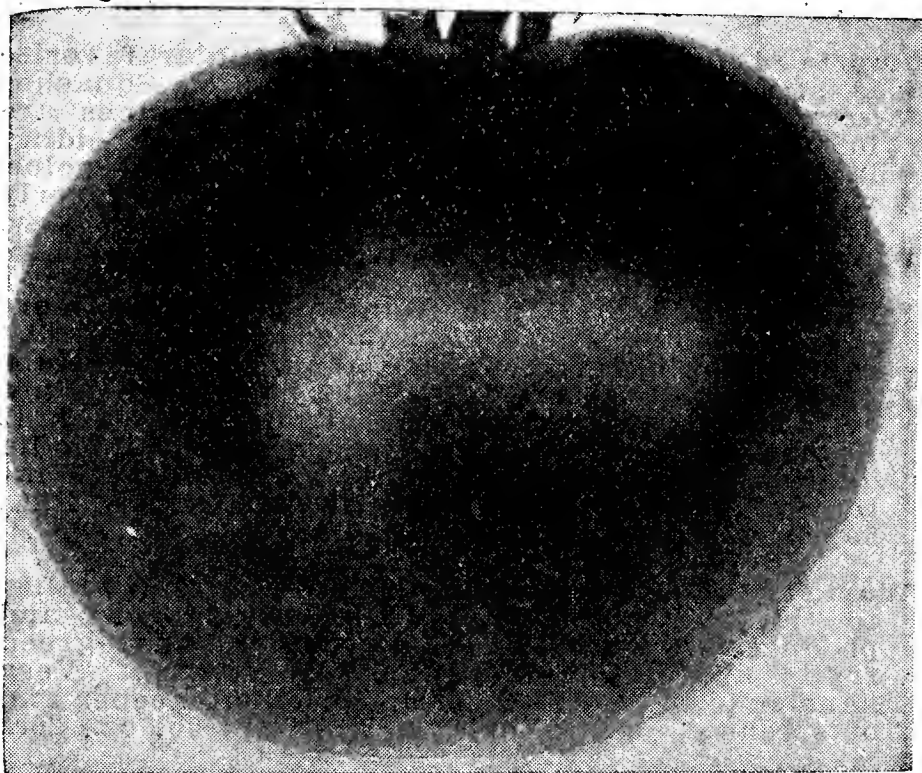
**Scand.—Tomat.**

(One ounce will produce 2,000 to 3,000 plants)

**Culture**—Sow early in hot beds, and as soon as they have four leaves transplant into shallow boxes. Harden off, and set out as soon as danger of frost is past.

**Break O'Day**—This new Tomato was developed from a cross between Marglobe and Marvana and was introduced by the U. S. Department of Agriculture. The beautiful scarlet fruits are of medium size, deep, solid, smooth and almost seedless. Of vigorous growth but with very little foliage. It matures in about 80 days. From present indications it will be the most popular extra early Tomato in the market. Pkt., 25c; ¼-oz., 30c; ½-oz., 45c; oz., 80c; ¼-lb., \$2.40.

**John Baer**—This is a hardy and very prolific extra early variety. The fruits are of large size, scarlet in color, nearly round, smooth, firm and of excellent quality. One of the first varieties to ripen and continues to bear a long time. A very desirable sort for gardeners and for home use. 85 days. Pkt., 10c; ½-oz., 25c; oz., 40c; ¼-lb., \$1.15; lb., \$3.25.



**Tomato—Bonny Best**

**Bonny Best**—An extra fine early variety for the home garden; a few days later than the Earliana. The color is bright red; ripens evenly to the stem. It is a vigorous grower and very productive. 100 days. Pkt., 5c; ½-oz., 25c; oz., 40c; ¼-lb., \$1.20; lb., \$3.50.

**Spark's Earliana**—Plants are of compact growth with stout-joined branches. Yields well and fruit is solid and of fine quality; bright red in color, of good size. Ready for market in 90 days. Pkt., 5c; ½-oz., 25c; oz., 40c; ¼-lb., \$1.15; lb., \$3.25.

**Marglobe**—This fine second early produces large, smooth, meaty, globular red fruits, which ripen evenly, and are free from cracks. An extremely heavy cropper. Especially valuable to those who are in districts troubled with rust and wilt, and particularly in the Southern States, as this strain is immune. Pkt., 15c; ½-oz., 30c; oz., 50c; ¼-lb., \$1.50; lb., \$5.00.

**Golden Queen**—Fruit of good size, smooth, solid and mild in flavor. Color, bright yellow; early and a prolific bearer. Many consider this yellow Tomato to be of a better flavor than the red varieties; it is less acid. 100 days. Pkt., 5c; ½-oz., 25c; oz., 45c; ¼-lb., \$1.35; lb., \$4.50.

**Tomatoes, Melons Spinach** and some other crops requiring rather long growing seasons are materially benefited by a second application of fertilizer when half grown. Side dressings of Bone Meal or Vigoro should be scattered between the rows at the rate of four ounces to ten feet of row, when rows are spaced two feet apart.

**IMPORTANT** — By supporting the plant less ground space is required, the fruit will ripen better and less will spoil.

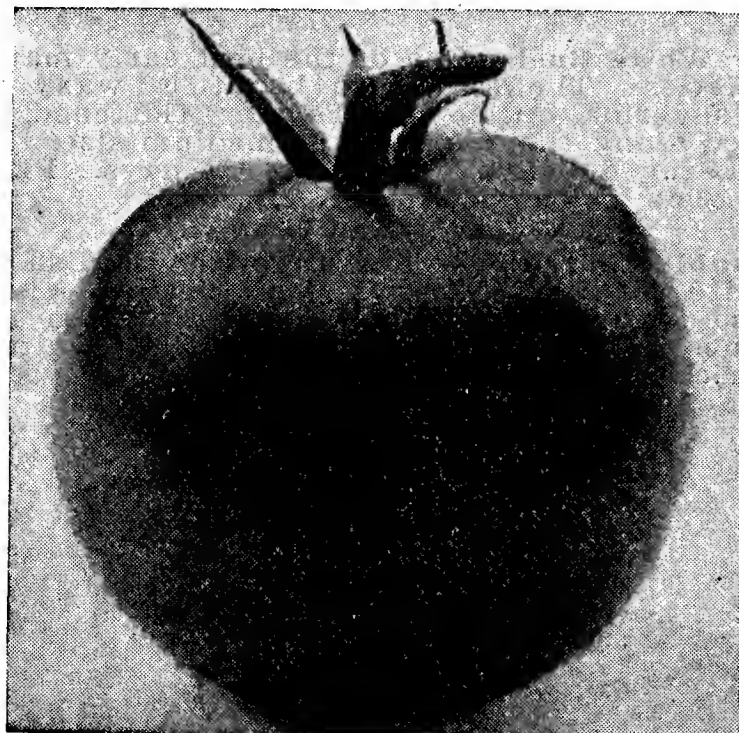
## Novelties

### Orange Sunrise

Is one of the earliest and most prolific Tomatoes. It possesses the finest flavor of any variety yet introduced and bears fruit of a beautiful orange color, medium size, in large clusters, suitable for indoor and outdoor culture. We are convinced that all who give the Orange Sunrise Tomato a trial will realize its value, notwithstanding popular prejudice in favor of red Tomatoes. Pkt., 25c; ¼-oz., \$1.25; ½-oz., \$2.00; oz., \$3.50.

### Market King

Early and prolific. It is one of the finest Tomatoes for indoor and outdoor culture ever introduced; matures quickly from seed. Market King is an immense cropper, yielding heavy bunches at short intervals all over the plant. Fruit smooth and of fine quality, medium in size and perfectly round. The color is bright scarlet and produces almost no seed. We question if any other variety would carry so heavy a crop; for this reason it is very valuable for market purposes. Pkt., 25c; ¼-oz., \$1.25; ½-oz., \$2.00; oz., \$3.50.



**Tomato—Market King**

**Avon Early**—Extra early scarlet fruited variety. Produces good sized fruits, round or slightly flattened, deep scarlet in color, smooth, free from cracks and of fine quality. Very productive; as early as Earliana and bearing for a longer time. Avon Early is a decided improvement over Earliana. 90 days. Pkt., 10c; ½-oz., 25c; oz., 40c; ¼-lb., \$1.15; lb., \$3.25.



**Tomato—Spark's Earliana**

FOR TOMATO, SMALL FRUITED VARIETIES, SEE PAGE 99



Tomato  
Small Fruited Varieties

(For Pickling, Preserving and Garnishing)

Red Pear  
Red Peach  
Red Plum  
Red Cherry  
Red Currant

Pkt., 10c; ½-oz., 35c; oz., 60c;  
¼-lb., \$1.80.

Winter Cherry, or Purple Husk Tomato—Makes fine sauce. Pkt., 10c; ½-oz., 40c; oz., 75c; ¼-lb., \$2.50.

Yellow Cherry  
Yellow Plum  
Yellow Peach  
Yellow Pear

Pkt., 10c; ½-oz., 35c; oz., 60c;  
¼-lb., \$1.80.

Ground Cherry, Strawberry, or Yellow Husk Tomato—The small yellow fruits are each inclosed in a husk. Of very sweet flavor; for preserving or making pies. Pkt., 10c; ½-oz., 40c; oz., 75c; ¼-lb., \$2.50.

Table Turnip

Ger.—Steckruebe. Scand.—Turnips.  
(1 oz. will sow 150 ft. of drill; 2 lbs. to an acre)

Culture — For early use, sow as soon as the ground can be worked in Spring, in drills 15 inches apart, and thin to 8 inches apart as soon as plants are large enough to handle. The sowing should be made just before rain, if possible, a rapid growth being important.

For feeding stock in Fall and Winter there is nothing superior to Turnips and Rutabagas, as they are liked by all kinds of stock and serve to keep them in good condition. We cannot too earnestly recommend farmers to increase their sowings largely for we are sure the crop will prove remunerative.

White Varieties

White Milan—Extra Early—Very small top, upright and compact; the clear white roots are very smooth, symmetrical and beautiful; there is no better Turnip for early bunching; fine grained, tender and sweet. 45 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 85c.

Purple Top Milan—Extra Early—Very similar to the White Milan except that the roots are a little more flat, and the top of the root is purple. 45 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 85c.

Early Snowball—A medium globe-shaped variety of pure white. Very solid and of the finest quality for table use. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 85c.



Turnip

Purple Top White Globe

purple on the upper portion. 55 days. Pkt., 5c; oz., 15c; ¼-lb., 25c; lb., 65c.

Early White Egg—An old favorite, egg-shaped, perfectly smooth, firm and mild. 50 days. Pkt., 5c; oz., 15c; ¼-lb., 30c; lb., 65c.

Golden Ball—A rapid grower; yellow-fleshed; of medium size; firm, hard and of superior flavor. Valued highly as a table variety. 70 days. Pkt., 5c; oz., 15c; ¼-lb., 35c; lb., 75c.

Rutabaga---Winter Turnip

These require a longer season in which to grow than do other Turnips; the seed should be sown about the first to the middle of June.

Bangholm—The seed of this variety of Rutabaga is grown in Denmark and has been awarded a first class certificate on several occasions by the Danish government for the best cropping Rutabagas. An oblong, globular-shaped root with small neck, yellow flesh, very dark purple top and is superior to all other varieties. 95 days. Pkt., 5c; oz., 15c; ¼-lb., 30c; lb., 75c.

Large White or Sweet Russian—This variety is most excellent either for table or stock. It grows to a large size; flesh white, solid, firm texture, sweet and rich; keeps well. 90 days. Pkt., 5c; oz., 15c; ¼-lb., 30c; lb., 65c.

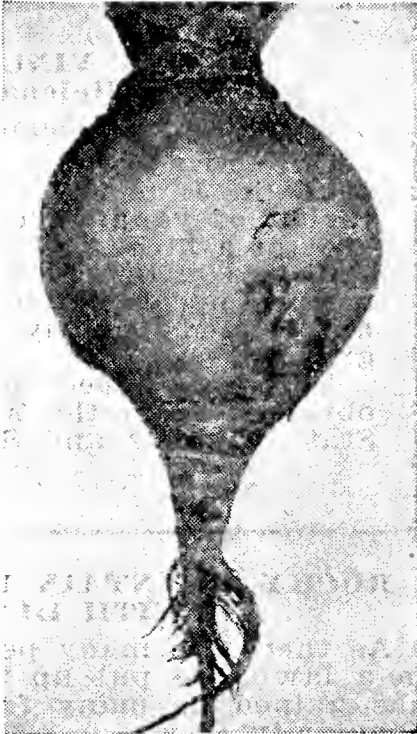


Large White or Sweet Russian

Carco

Vegetable Spray  
Controls Maggots, Etc.  
See Page 129

American Purple Top—This strain is of American origin and is a purple top yellow variety. Excellent for table use and also for stock feeding. A most desirable variety. 95 days. Pkt., 5c; oz., 15c; ¼-lb., 30c; lb., 75c.



Rutabaga—American Purple Top

Turnip Sauerkraut

The farmer who used to put down a barrel of cabbage sauerkraut each Fall may add another product to his list. Turnip sauerkraut is a new appetizing food suggested by the United States Department of Agriculture. The department finds that a good sauerkraut can be made from medium-sized, purple-top Turnips. They should be firm, sweet, and juicy in order to allow proper fermentation and flavor. The fleshy part of the root is ground or shredded and mixed with salt at the rate of 4 ounces of salt to 10 pounds of Turnips. The mixture is then packed in stone jars, weighted down, and allowed to ferment.

Turnip sauerkraut may be stored at a low temperature for some time, the department says. It has a sharp flavor, closely resembling good cabbage sauerkraut. Most of the Turnip flavor is lost when the kraut ferments.

RAPID SERVICE

During the Spring months we receive hundreds of orders every day and usually every order is shipped the same day as received. The demand for State Nursery & Seed Co's. Peerless Seeds continues to increase every year. Our sales exceeded all previous years and now we offer the highest quality seeds obtainable at

LOWER PRICES

because of the increasing volume of State Nursery & Seed Co's. Peerless Seeds, and economy in handling.

Rutabagas are highly nutritious as a table vegetable and profitable as food for stock and fowls.

SPRATT'S DOG FOODS—(See Page 124)

BIRD SEED—(See Page 124)

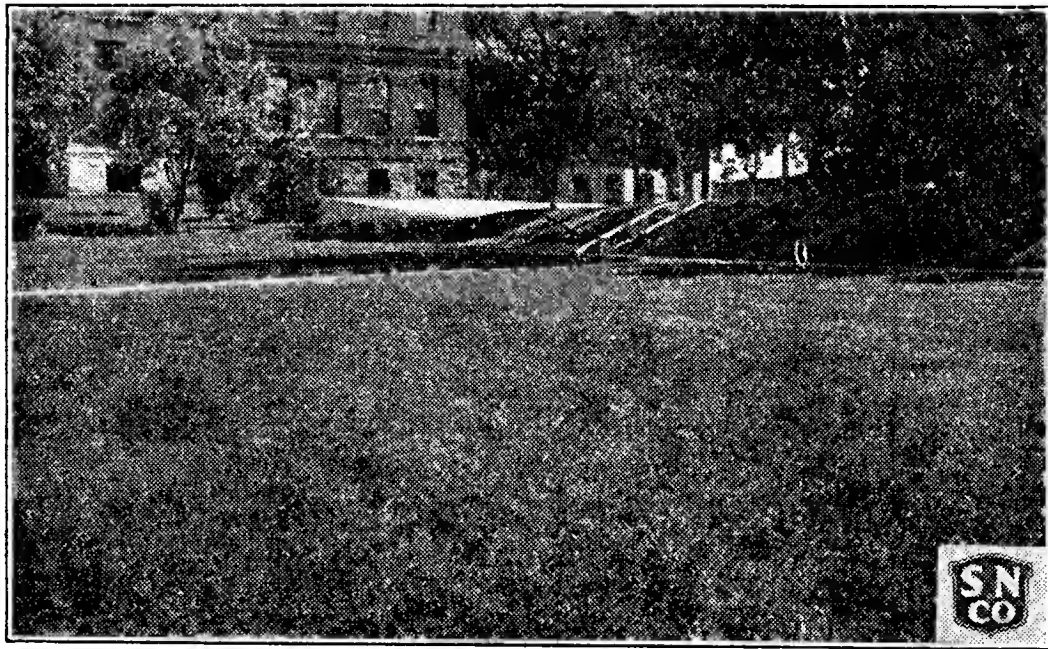
SWISS CHARD—(See Page 80)



# S. N. & S. Co's. Rocky Mountain Lawn Grass Seed

The chief desire of almost every home owner, whether a town or rural dweller, is to possess a good lawn, and nothing adds to the appearance of a residence as much as a good lawn of thick growth and velvety appearance. A nicely kept sward, neatly trimmed, adds materially in beautifying any building or residence, and often, too, becomes one of the chief selling features.

(One quart will sow 200 square feet or 10x20; 10 lbs. for 2,000 square feet, or 40x50; 60 to 100 lbs. per acre or 43,560 square feet.)



View of Campus of St. Vincent Academy, Helena  
Boarding School for Young Women

## SAINT VINCENT ACADEMY Helena, Montana

December 5, 1932

The lawn in the foreground was planted early in June, 1932. Within a few weeks a carpet of young green grass made a garden spot of a hitherto barren plot of ground. By Fall the lawn, thick, smooth, and free from weeds appeared one of many years' growth, and added greatly to the beauty of our grounds.

We are, indeed, pleased with the results obtained from the seed purchased from the State Nursery and Seed Company.

SISTERS OF CHARITY.

## ROCKY MOUNTAIN LAWN GRASS MIXTURE WITH DUTCH CLOVER

As there are many people who like white clover in a lawn, we put up this special mixture, which has gained us many friends and is increasing in popularity.

Pint, 20c; quart, 30c; 5 lbs., \$1.25; 10 lbs., \$2.40; 25 lbs., \$5.25.

## ROCKY MOUNTAIN LAWN GRASS MIXTURE

Same as the above Rocky Mountain Mixture but without White Dutch Clover.

Pint, 20c; quart, 30c; 5 lbs., \$1.25; 10 lbs., \$2.40; 25 lbs., \$5.25.

## SHADY PLACE LAWN GRASS MIXTURE

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. The grasses used in making this mixture are those that are well adapted for growing in shade.

Pint, 25c; quart, 35c; 5 lbs., \$1.20; 10 lbs., \$2.55; 25 lbs., \$5.50.

## WHITE DUTCH CLOVER—"Peerless"

This is frequently sown to cut green for chicks and fowls; also used largely in making lawns for which this variety is especially adapted.

½-lb., 30c; 1 lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.25.

## MIXTURES FOR GOLF LINKS

While there are on the market numerous ready prepared golf mixtures of more or less value, we have found that the best results are obtained by giving individual attention to each customer and making a special mixture to suit his needs. Write us a description of your links, telling what the nature of the soil, how drained, how much it has the sun, and ask for prices.

PAMPHLET—ON THE PREPARATION AND  
CARE OF LAWNS—FREE

**Kentucky Blue Grass — (Super Grade)—**  
Once in about 5 years there is an extra fine quality of Blue Grass produced. This makes it possible to secure seed weighing 26 lbs. per measured bushel, fine plump bright seed. Ordinary seasons 21 to 23 lbs. seed is good weight. Buy Super Seed for your lawn this season.

1 lb., 40c; 5 lbs., \$1.60; 10 lbs., \$3.00; 25 lbs., \$7.00.

## KENTUCKY BLUE GRASS ("Peerless" Grade)

We wish to call particular attention to the cleanliness of our Peerless Blue Grass; it's the cream of the market.

1 lb., 30c; 5 lbs., \$1.20; 10 lbs., \$2.30; 25 lbs., \$5.20.

## KENTUCKY BLUE GRASS ("Placer" Grade)

Used extensively for lawns, parks, street parkings and large lawns for public buildings. Also used in meadow mixtures of grasses for pasture or hay.

1 lb., 25c; 5 lbs., \$1.10; 10 lbs., \$2.15; 25 lbs., \$5.00.

## INTERMOUNTAIN UNION COLLEGE

Helena, Montana

Wendell B. Brooks, Ph.D., President  
C. H. Cruttenden, Business Manager

November 17, 1932.

State Nursery and Seed Co.,  
Helena, Montana.

Gentlemen:

We accomplished such a fine result from your grass seed in making a piece of new lawn upon our College campus, that I want to thank you for giving the College this particular attention as well as for your services for the further improvement of our grounds.

Very truly yours,

WENDELL S. BROOKS,  
President.

WSB: SIG

## FOR A BEAUTIFUL LAWN

To have a thick, velvety-green lawn, regular feeding is essential. Feeding your lawn with Vigoro in Spring, Summer, and Fall will produce and maintain a strong, vigorous turf that will choke out weeds and prevent new ones from getting a foothold. It will produce deep, extensive roots which will withstand drought and Winter-killing; help resist disease, and add humus to the soil. See page 129.

## CREeping BENT GRASS (West Coast Registered Seed)

Is particularly valuable for lawns that are to be used for croquet grounds or tennis courts on account of its compact creeping rooting stems; of rapid growth and spreading habit, forming a strong, durable turf, because it is benefited more than hurt by tramping and by its bright color adds to the beauty of the lawn.

1 lb., \$1.25; 5 lbs., \$5.75.

ADD POSTAGE, PLEASE, IF SHIPMENT  
DESIRED PARCEL POST

Cover Mother Earth with the best of rugs, a carpet grown from our Rocky Mountain Lawn Grass Seed  
WRITE FOR SPECIAL PRICES ON LARGER QUANTITIES



FIELD SEEDS

Prices on practically all field seeds are much lower this season than for the past several years. However, the price of grass, clover and other field seeds is not the most important factor that governs the purchase. Nothing is more important to the farmer than that the seed he sows should be clean and of high purity and germination, heavy, plump and matured, so as to insure a good crop. Our Peerless Seed, while costing a little more in the beginning, is really much cheaper in the end than grades sold at lower prices. Heavy, plump seed germinates better and will produce a greater number of strong plants. With our many years of experience in and knowledge of the seed business, also our up-to-date cleaning machinery, we are in a position to furnish you seeds that will satisfy every requirement at a reasonable price. If you are planning to seed a large acreage, write us and we will gladly quote you a quantity price. Samples will also be sent on request.

The surest way of building up your land and assuring yourself of a good profit is to plant alfalfa, clovers and grasses, and raise livestock. Also produce your own vegetables and flowers by planting a home garden.



Our Warehouse and Seed Cleaning Plant

OUR BRANDS

**Peerless** is our best brand and only the best seed obtainable is so branded. It is always 99% pure and usually higher, no noxious weeds, and of the highest germination. We recommend this brand.

**Placer** grade is equal to, and in many cases has a higher purity and germination than other so-called "best" brands. Tests 98% or better.

**Quartz**—Although lower in purity and germination than our other two grades, our Quartz grade is good seed, 97% or better pure.

BUY YOUR SEEDS EARLY

You will gain a distinct advantage by arranging for your seed supply, as orders must be filled carefully.

IMPORTANT

Owing to fluctuations in market prices, it may be necessary to change some of the prices quoted herein during the season. Should prices change and orders be received at prices named, seeds will be sent equivalent to the money received, figuring the order at current prices.

HOW TO SHIP

Always state how you want heavy seed shipped, by freight, parcel post or express, and if your station is a prepay point, don't forget to add enough money to take care of the charges. Should you not receive the goods you ordered within a reasonable time, write us regarding the matter and we will gladly put a tracer after your shipment.

ALL FIELD SEED PRICES ARE F. O. B. HELENA  
UNLESS OTHERWISE STATED

We Deliver Free by parcel post or express, all Vegetable and Flower Seed by the packet, ounce and half pound and up to and including ten pounds unless otherwise stated. All other items are F. O. B. Helena, and postage, freight or express charges, if your station is a prepay station, must be added.

Seeding Table

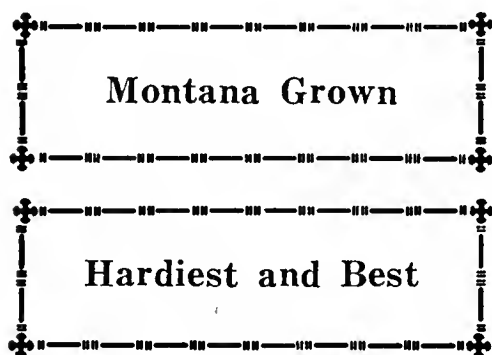
(An acre contains 43,560 square feet)

	Broadcast	Drilled		Broadcast	Drilled
ALFALFA—For hay crop on irrigated land	15 lbs.	12 lbs.	BROME GRASS—(Bromus Inermis)—For hay or pasture on irrigated land	20 lbs.	15 lbs.
ALFALFA—For hay crop on dry land	10 lbs.	8 lbs.	BROME GRASS—(Bromus Inermis)—For hay or pasture on dry land	15 lbs.	12 lbs.
ALFALFA—For seed crop on dry land or sub-irrigated	8 lbs.	6 lbs.	BLUE GRASS—For hay or pasture on irrigated land	25 lbs.	20 lbs.
ALFALFA—Pedigreed GRIMM, in rows 3 ft. apart to be cultivated		1 lb.	ORCHARD GRASS—For hay or pasture on irrigated land	25 lbs.	20 lbs.
CLOVER—Medium Red, for hay crop	12 lbs.	10 lbs.	RYE GRASS (Perennial)—For hay or pasture on irrigated land	25 lbs.	15 lbs.
CLOVER—Sweet for hay crop or to be plowed under for green manure	15 lbs.	12 lbs.	MILLET—German, Hungarian, Siberian or Hog, for hay crop	20 lbs.	12 lbs.
TIMOTHY—For hay or seed crop	10 lbs.	8 lbs.	MILLET—Japanese or Billion Dollar Grass, for hay crop	15 lbs.	10 lbs.
TIMOTHY AND ALSIKE CLOVER—For hay or pasture	10 lbs.	8 lbs.	SUDAN GRASS	20 lbs.	10 lbs.
RED TOP—For hay crop or pasture	10 lbs.	8 lbs.			

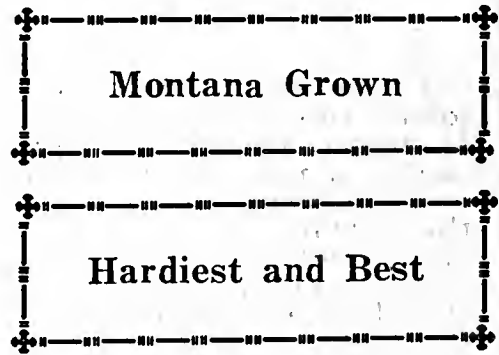
GRAIN

WHEAT—4 pecks—1 bu. or 60 lbs.	BARLEY—(Hulless)—4 pecks—1 bu. or 60 lbs.
OATS—4 to 5 pecks—1 bu. and 1 peck or 50 to 60 lbs.	RYE—45 to 50 lbs. for grain; 50 to 60 lbs. for hay.
FLAX—16 to 30 lbs.	SPELTZ—45 to 50 lbs. for grain; 50 to 60 lbs. for hay.
PEAS—Per acre, 90 to 120 lbs.	SPELTZ—4 pecks dry land—50 lbs. for grain.
CORN—Per acre drilled, 8 to 10 lbs.	SPELTZ—5 pecks irrigated—60 lbs. for grain.
BARLEY—2 or 6 row—5 pecks—1¼ bu. or 60 to 70 lbs	CORN—For fodder or silo, 75 lbs.





# ALFALFA SEED IS OUR SPECIALTY



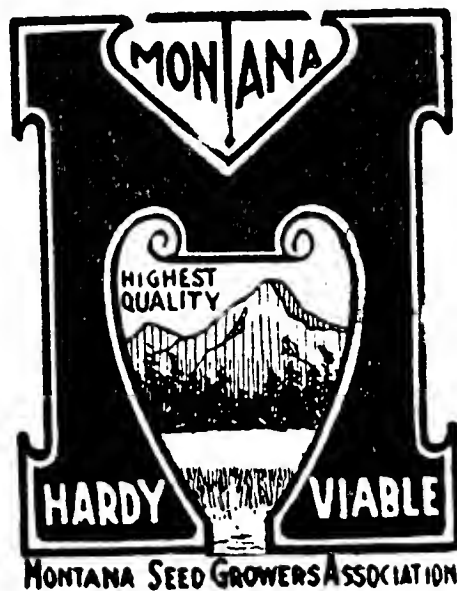
**PEDIGREED**

**GRIMM AND COSSACK**

**ALFALFA SEED**

is the

**HARDEST KNOWN**



THIS TRADEMARK IS A

“SIGN OF SEED SAFETY”

**HARDINESS, PURITY, QUALITY**

and

**DEPENDABILITY**

Look for the Tag on the Bag

## A Short Story of Grimm Alfalfa Seed

The original source of perhaps 95% of all the Registered Grimm in the state can be traced back to our house. We were the first to introduce and distribute this seed in quantity and without ego we can justly claim to be the foster father of a great industry within the state. Records and history substantiate this claim and we are still endeavoring to serve and distribute to our customers a first class quality of pedigreed stock in any quantity and at any time desired. To register fields for seed production in Montana the seed must be Montana grown.

### PEDIGREED GRIMM

True Grimm Alfalfa has in every respect proved itself a most wonderful variety and its reputation has been so well established that the registered and sealed seed always commands a top price. Our stock is the best that can be produced; fully registered; inspected; tested and sealed under regulation of Montana Seed Growers' Association.

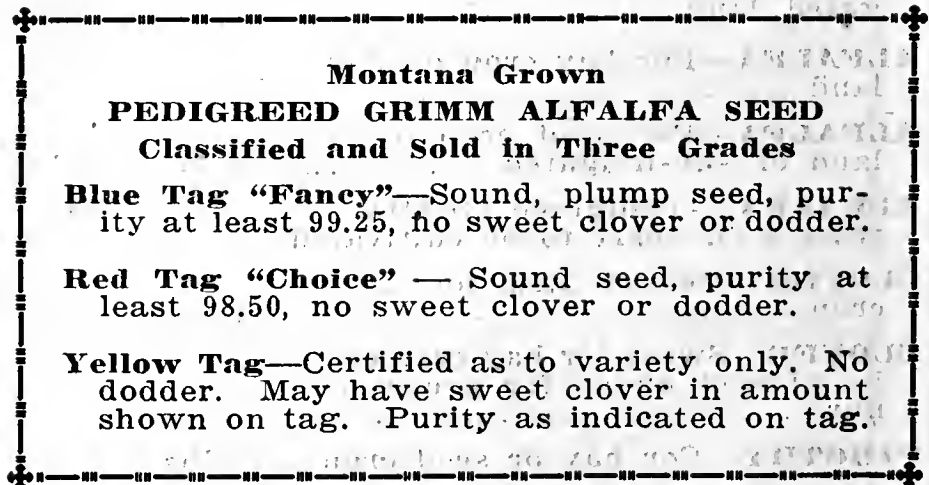
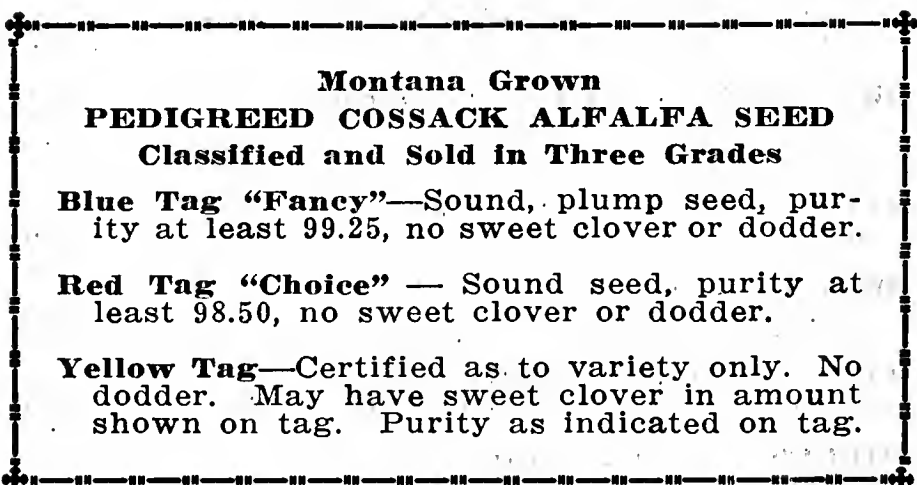
### PEDIGREED COSSACK

Introduced by Professor Hansen in 1906. Many farmers have found by their own experience that Cossack is the heaviest and best seeder of any Alfalfa Seed they have tested. The past dry seasons have demonstrated the value of Cossack.

### VARIEGATED ALFALFA SUPERIOR

In tests which have extended from 1919 to the present time, variegated Alfalfas, such as Cossack and Grimm, have shown definite superiority in yield and Winter hardiness over common Alfalfas, says F. S. Wilkins, head of research in forage crops at Iowa State College.

Montana common varieties, however, have been definitely superior in yield and Winter hardiness to other common Alfalfas.



## Unregistered Grimm or Cossack

We have to offer a quantity of each of the unregistered Grimm and unregistered Cossack. This seed was from originally registered seed on unregistered fields; unregistered because registration was not applied for.

While this quantity lasts it will afford the hay producer an opportunity to plant Grimm or Cossack at a seed cost considerably under the registered seed price.

Write for samples and quotations, stating the quantity you desire

**FOR PRICES—SEE PINK INSERT**



# Montana Hardy "Selected" Alfalfa

## OUR SPECIALTY

**INOCULATE THIS  
SEED WITH  
FARMOGERM**

Some Facts Worthy of Your Attention

**StimUplanT**  
Makes a  
Wonder Garden

Montana Alfalfa Seed is now recognized everywhere as being the hardiest of all Alfalfa and therefore the most consistent high yielder in hay tonnage.

Results of an eight-year test at the Michigan Agricultural Experiment Station show that Montana seed leads in hay production in competition with seed from the country's leading Alfalfa producing states.

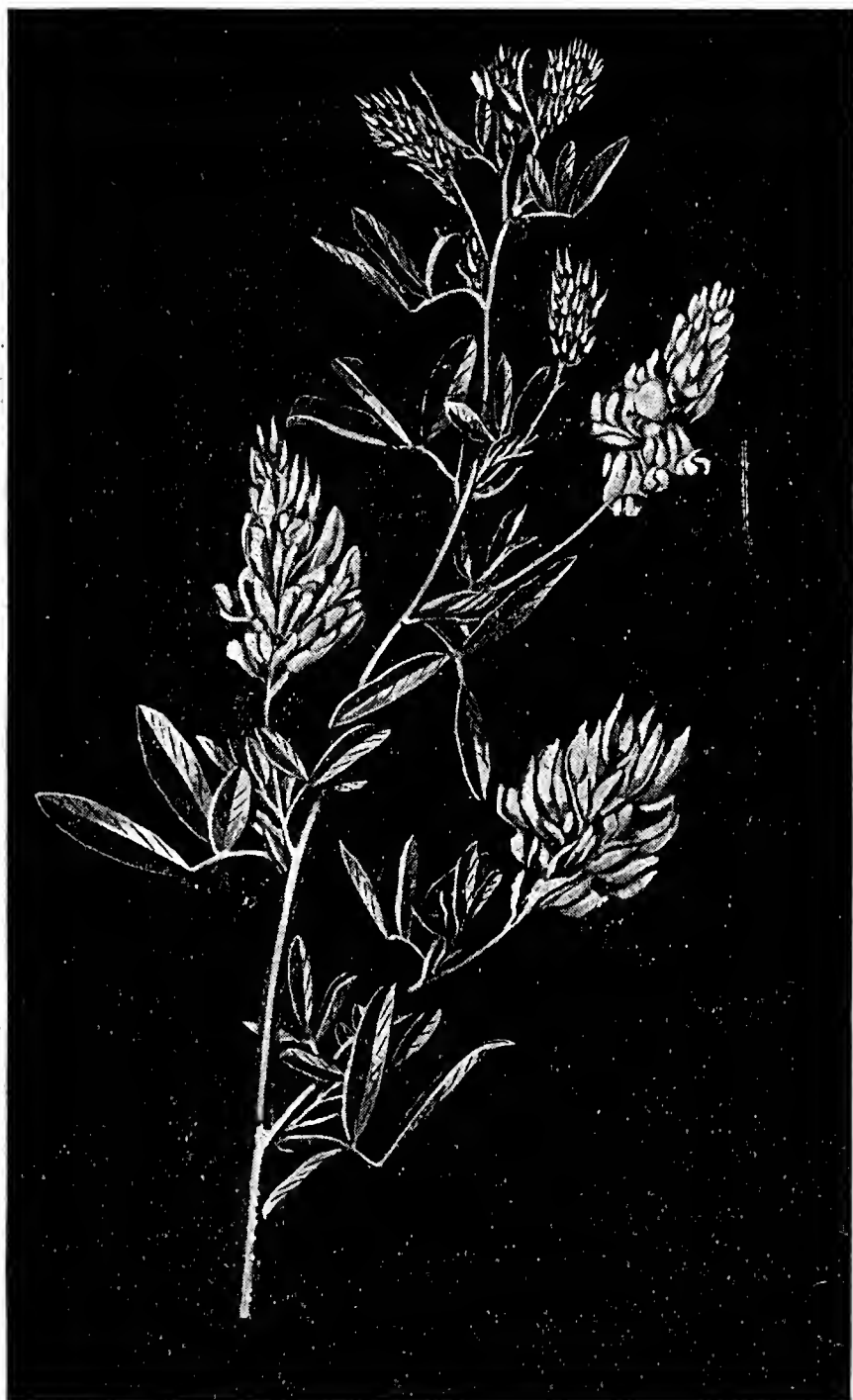
Every prospective purchaser of Alfalfa Seed should bear in mind that Montana Alfalfa Seed is now in demand in every state and country where poor yields and Winter killing are important factors.

Can you afford to plant other seed when the Montana seed is available?

When it is available we have it and are pleased to submit our closest quotations on any quantity or grade desired.

### The "Peerless Brand" on Our Seeds Means—Quality

We consistently prepare our seeds to represent the best that the crop affords. Bags are all tagged and comply with the requirements of your State Pure Seed Laws. Uniform throughout the season.



### Extra No. 1 or Peerless Grade Hardy Montana Alfalfa

Is heavy, uniformly plump and bright as is characteristic of healthy seed carrying a strong germ and high productive qualities. Peerless grade is always at least 99% pure and usually above 99.50%.

### Placer Grade Hardy Montana Alfalfa

Placer is our No. 1 grade. Not as uniform in color or quite as high in purity, although this is consistently around 99% pure and carries practically no weeds, noxious or otherwise.

Equal to most Alfalfa Seed offered under fancy grade.

### Quartz Grade Hardy Montana Alfalfa

Quartz is our No. 2 grade, therefore more variable in color and purity than either of the other two grades. However, for those who want hardy Montana Seed at a low price, this Seed very often fills the bill. The demand and repeat orders on this grade are convincing evidence that it has a place in our list.

The purity and germination on this grade often runs as high or higher than that of our Placer grade and even though from a producing standpoint this Seed is perfectly good, it has to be separated into a lower grade at a lower price principally because of color alone.

Look through our catalogue—you will find Alfalfas, Clovers and Grasses listed and described. If you have any questions write us and we will be glad to give you any information that we can.

Our Alfalfa Seed is raised in the high mountain valleys and is dry land seed. These strains have proven the hardiest and will withstand the severe Winters of our surrounding country. All lots are tested for purity and each sack is tagged showing the purity and germination.

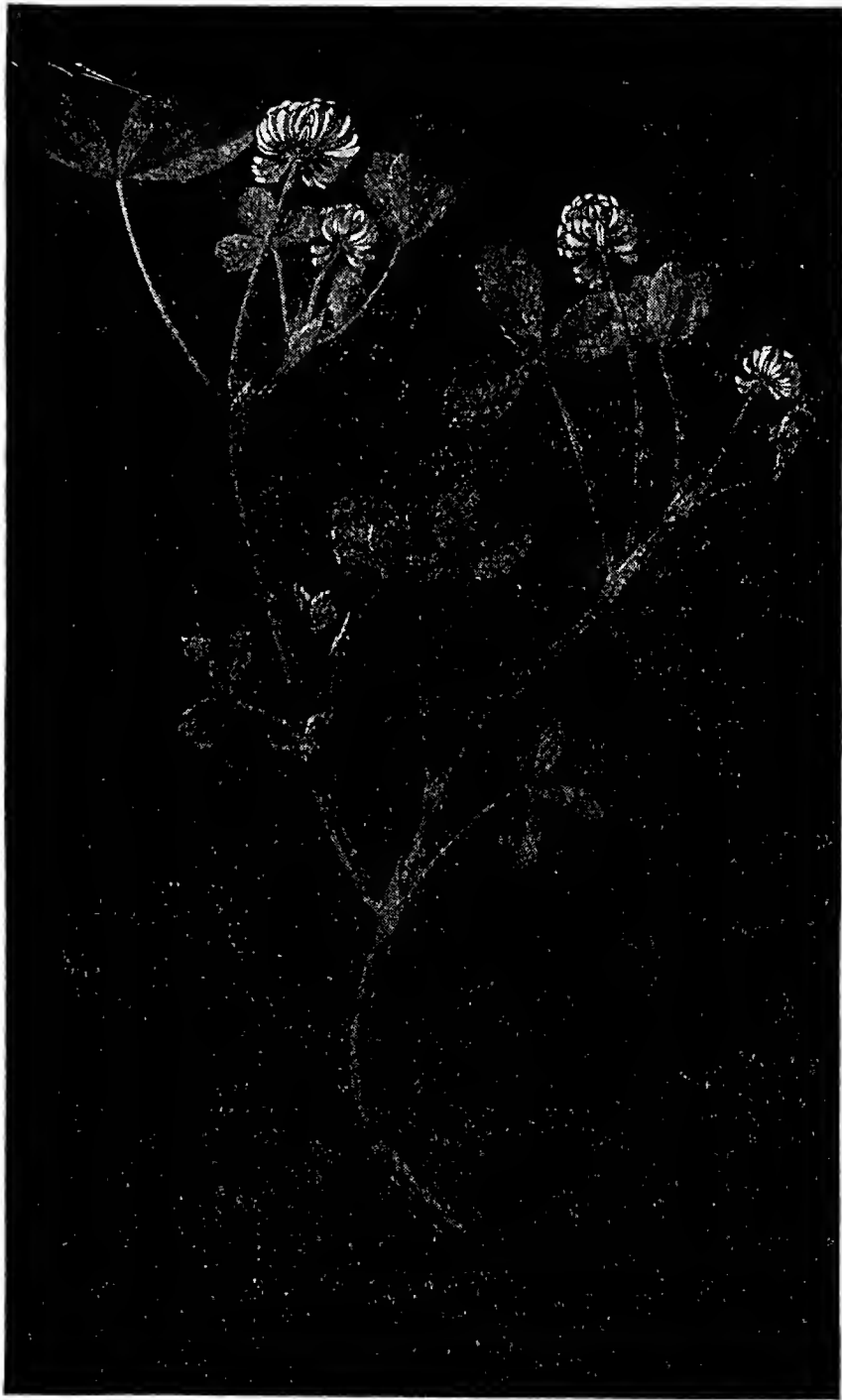
**FOR PRICES—SEE PINK INSERT**



**INOCULATE THIS  
SEED WITH  
STIMUGERM**

## CLOVERS

**INOCULATE THIS  
SEED WITH  
STIMUGERM**



**Alsike Clover**

**Cultural and Soil Conditions**—Alsike prefers localities with plenty of moisture in soil and air. The most suitable soil is moist clay loam or clay with good lime content. It can be grown to advantage where soil is too wet for Red Clover, and with poor drainage, where Red Clover is a failure, Alsike will flourish. It has a rather shallow root system.

**Uses**—When grown for hay it is usually best mixed with Timothy or Red Top, thus producing finer quality. A popular mixture for Montana is about 80 per cent Timothy and 20 per cent Alsike. Is best cut for hay when in full bloom or a trifle later.

It produces usually one crop of hay a season but the tonnage is very heavy.

It is much esteemed for pasture because of its high feeding value. When sown alone, use about eight pounds to an acre.

### CLOVER—Medium Red

**Cultural Conditions**—Being a resident of the temperate zone, Red Clover succeeds best where Summers are not too hot nor the Winters too severe. Most parts of Montana, probably with the exception of the northeastern part of the state, are pretty well adapted to Red Clover production. Selection of Northern grown, preferably Montana grown, seed for hardiness is the best insurance.

**Soil Requirements**—Red Clover can be grown on many kinds of soil, the most suitable being clay loams with a certain amount of lime and plenty of organic matter. Sandy loams give good returns, especially on limestone foundation. Red Clover, however, generally prefers the heavier soils.

### CLOVER—Mammoth Red

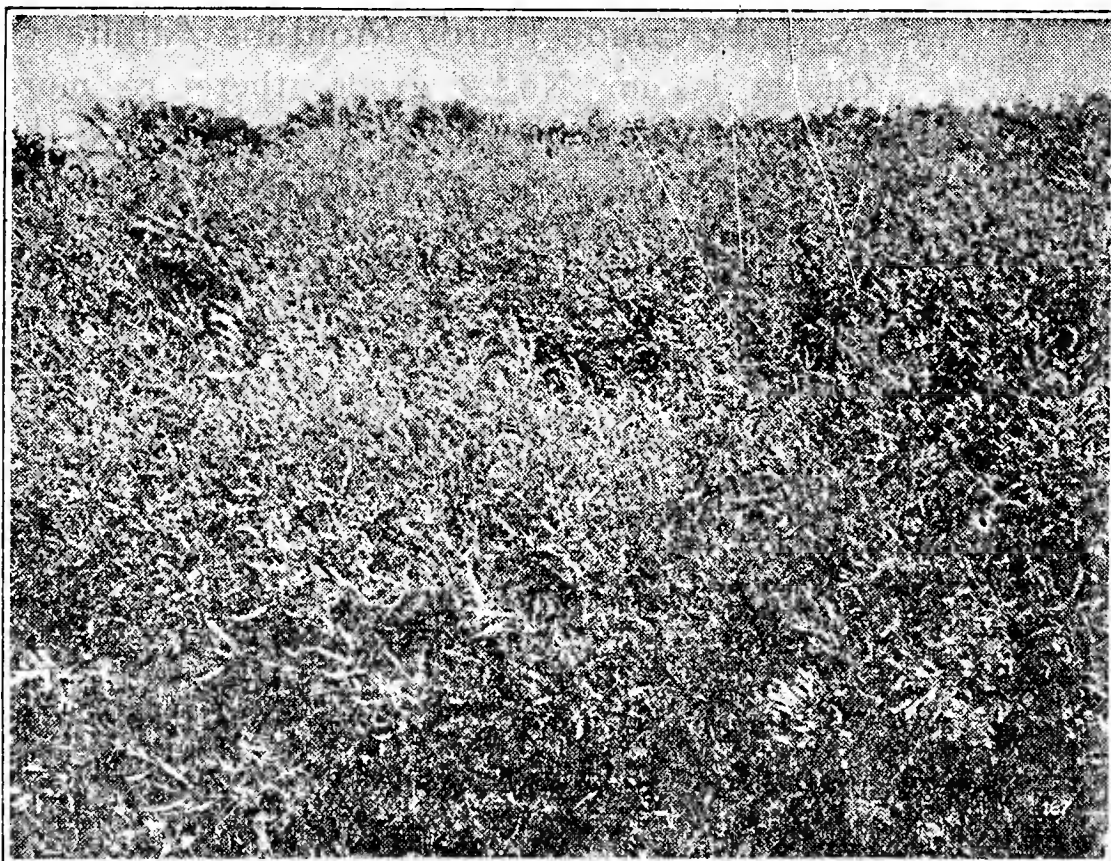
**Botanical Description**—Mammoth is a large variety of the Red and for the most part is a perennial. Stems are long, coarse and more spreading. Mammoth Red is later than Medium Red, blooming about 10 days after. It grows more slowly than Medium Red and can generally be cut only once in a season. Cultural and other conditions same as Medium Red.

### WHITE SWEET CLOVER

When young it is succulent and quite palatable for hay and pasture. When old and woody it loses much of its palatability. For hay purposes in Montana it might better be considered an insurance crop than a competitor of Alfalfa. It is sure to make a good crop of hay or roughage under conditions which might cause an Alfalfa crop failure.

It is quite popular for pasture purposes both for cattle and sheep.

For fertilizing value it can hardly be excelled. It furnishes economical, quick and abundant nitrogen to the soil.



**Sweet Clover**

### YELLOW SWEET CLOVER

Yellow Sweet Clover is not far different from White except, as the name signifies, it has a yellow flower.

Generally speaking, the plant does not grow as rank as White, has more of a spreading growth habit and somewhat finer texture, thus making it a consistent gainer in popularity over the White for pasture purposes.

We know of and can offer proof of an instance where 30 acres of Yellow blossom offered abundant pasture for 700 ewes and lambs, continuing for three months.

### WHITE BLOSSOM "ARCTIC" or GRUNDY BIENNIAL

This is a white blossom biennial Sweet Clover that grows from 3½ to 4 feet high; matures an abundance of seed that ripens three weeks ahead of common white biennial. The outstanding advantage of this Clover is that it grows to a good height for harvesting, but does not require clipping, thus getting away from the hazard of killing the Clover by clipping improperly. It ripens early ahead of weeds and is ready to thresh and hull before small grain. It is very hardy and will withstand dry Summers and hard Winters. The seed is usually a little higher in price than the other varieties, but well worth all you pay for it. Fine for hay.

**Cultural and Soil Conditions**—Grows readily in nearly any soil or climate.

**FOR PRICES—SEE PINK INSERT**



**CLOVERS—Continued****ALTASWEDE CLOVER**

Altaswede is a product of artificial and natural selection from the late Swedish Red Clover which was introduced from Sweden in 1914 by the Dominion Seed Branch, Ottawa.

In the Spring of 1917 steps were taken to make an exhaustive study of the merits of this Clover. Seed was collected regularly until 1920.

From the data derived from the University of Edmonton and elsewhere in the province of Alberta, Altaswede has amply demonstrated its Winter hardiness and superior merits for fodder and seed production.

**WHITE OR DUTCH CLOVER**

**White Dutch Clover**—Is a perennial. The stems are creeping and root at the joints. A single plant may thus spread over a wide area. From the stems, trailing along the ground surface, are developed upright leaves and flower heads, both provided with long stalks.

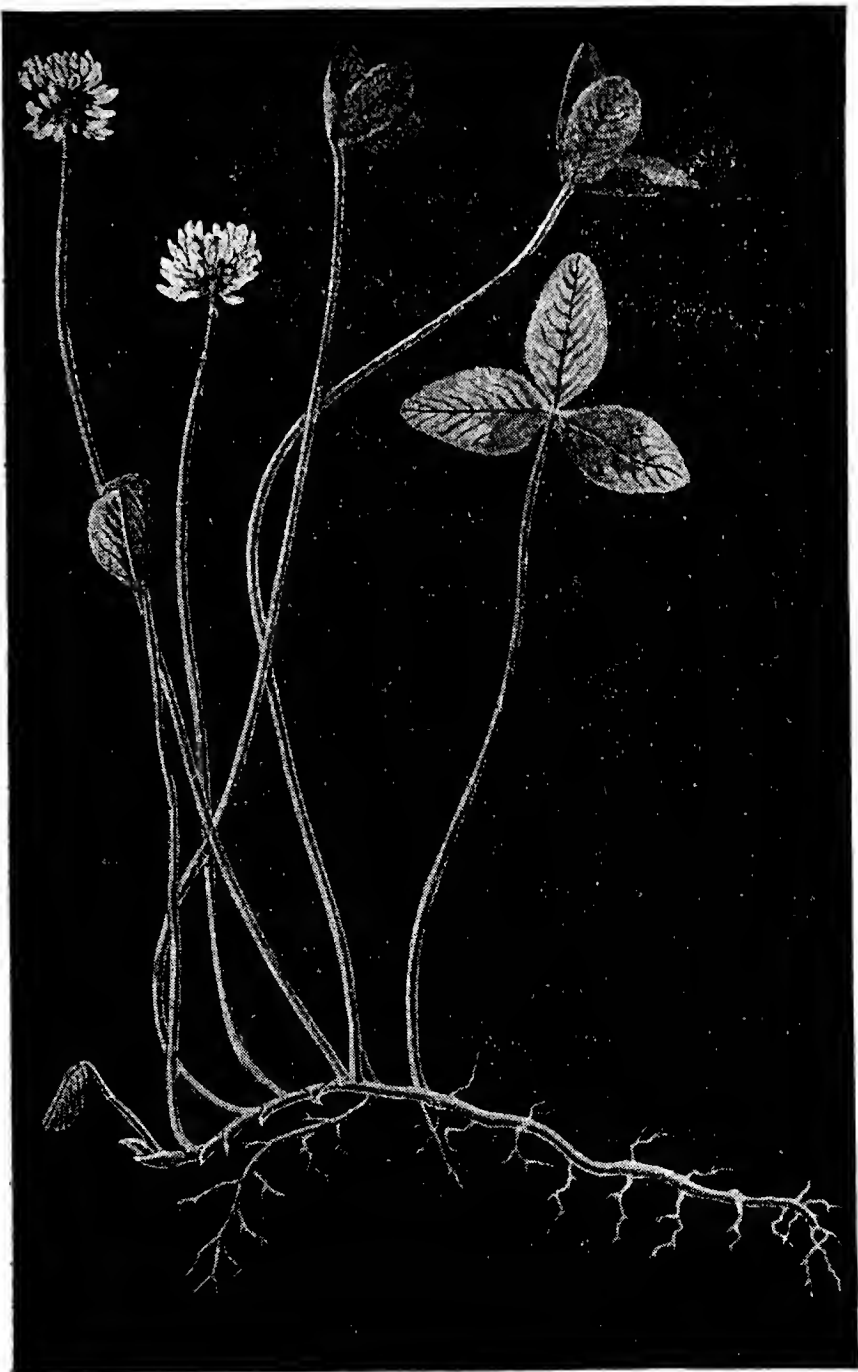
The heads of White Clover develop from the lower parts of the stem.

White Clover was first developed in Holland; therefore the name Dutch Clover.

**Cultural and Soil Conditions**—White Dutch Clover grows naturally in meadows and pastures, does well in valleys and on mountains. It will grow in a great variety of soils from sand and gravel to rich loam and clay. It does best, however, on moist, well drained loams which contain lime and humus and is especially adapted to the moist medium warm climate. When other conditions are favorable, however, it will endure severe cold without injury and will stand drought providing the subsoil is somewhat moist, because while most of the roots are rather superficial, the main taproot penetrates to a considerable depth.

**Uses**—Because of its low growth it is not used to any great extent as a hay plant. Its chief value is for pasture, and in pasture and lawn grass mixtures.

It covers the ground quickly, has high nutritive value and stands tramping and close grazing exceptionally well.

**White Dutch Clover****Kentucky Blue Grass**

**Botanical Description**—Kentucky Blue Grass is a perennial with a widely creeping rootstock. This produces runners and leafy shoots. The runners are underground stems carrying colorless scales instead of green leaves. They creep under the ground surface and produce upright stems from their ends. The upright leafy stems arise in bunches from their base. The stems are from one-half to three feet high and perfectly smooth. The stem leaves are comparatively short.

**Cultural and Soil Requirements**—It grows practically everywhere that agriculture is of importance—on dry hills and in wet marshes. For proper development, however, it requires pretty good soil. It does best on bottom lands where soil is loose and rich in humus with a good lime content. It is regarded as the king of all pasture grasses.

**Uses**—If grown for hay, it should be cut when in flower. Its feeding value is best at that time. It cannot always be relied on for a second crop of hay.

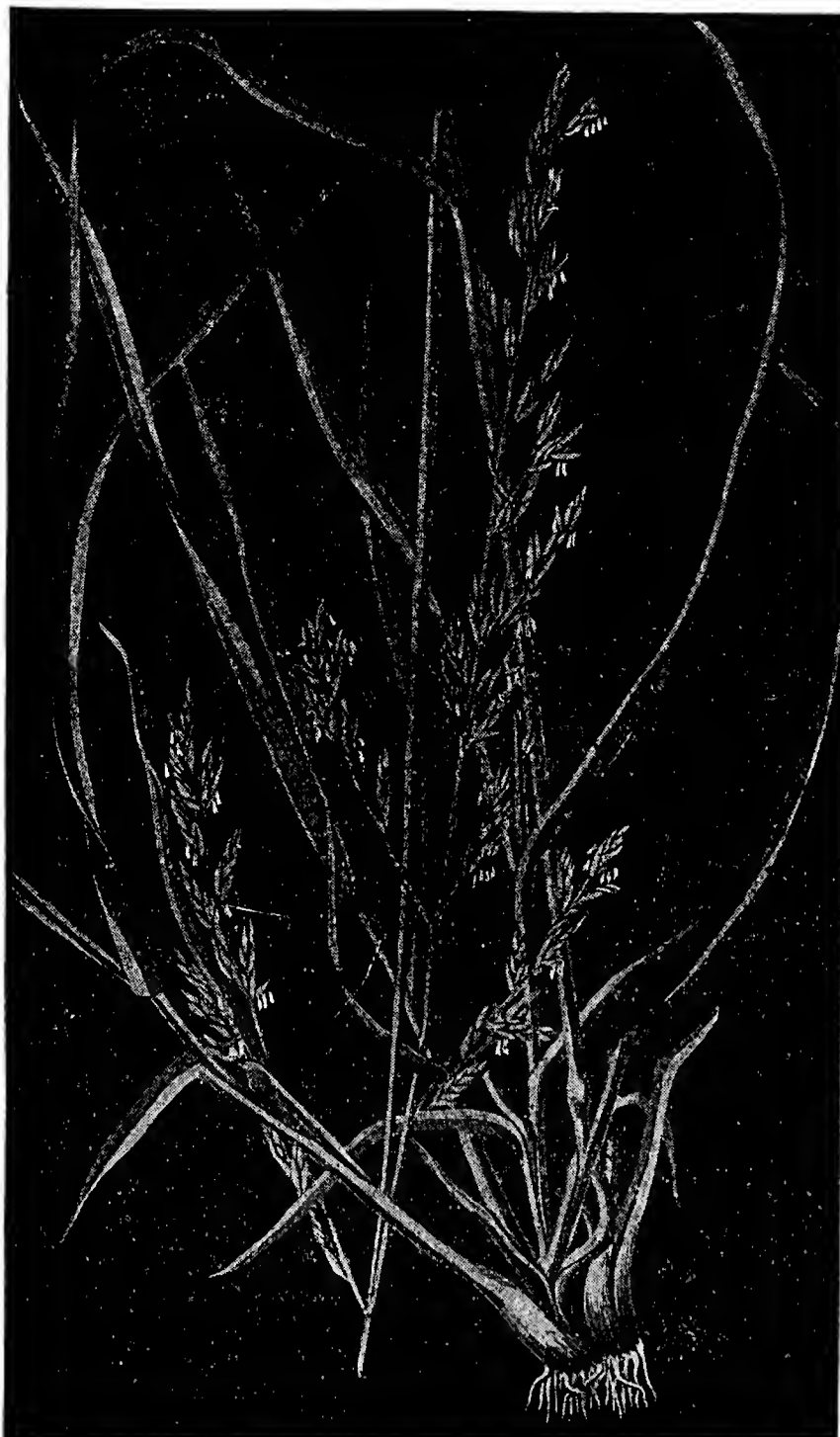
**MEADOW FESCUE**

**Botanical Description**—Meadow Fescue is a perennial with long, strong roots. It has short rootstocks and is therefore tufted but not so much as Orchard Grass.

Stems are from 18 to 36 inches high, smooth and slender. Leaves are long, broad and slight in texture. Brome and other grasses have panicles similar to that of Meadow Fescue.

**Cultural and Soil Conditions**—It does best in a soil rich in organic matter. It is well adapted to clay soil, although not quite so well as Orchard Grass. It can also be grown successfully on sandy land if sufficient moisture is available and the soil is not too shallow. It is better fitted for medium wet soil than Orchard Grass, especially in pasture, and stands tramping better. On the other hand, its deep root system makes it fairly drought resistant. It stands the cold exceptionally well.

**Uses**—Hay from Meadow Fescue is nearly equal to that from Orchard Grass. Its nutritive value is higher and it should be cut at flowering time.

**Meadow Fescue****FOR PRICES—SEE PINK INSERT**





Red Top

**RED TOP**

**Botanical Description**—There are several varieties of Red Top, varying in height from two to four feet. The only ones of importance to agriculture are the taller varieties. Red Top has a creeping rootstock and runners. It does not grow in tufts but forms a dense sod as a result of its joint rooting habit. The leaves vary in size and number. The flowers are arranged in panicles with numerous branches.

**Cultural and Soil Conditions**—Red Top grows naturally in most localities. However, it is best adapted to light, wet soils where its roots can develop freely. Wet bottom land not suited for other grasses is often the ideal place for growing Red Top.

**Uses**—Red Top makes good growth the same year it is sown and continues growth late in the Fall. It makes a very fair quality of hay and especially has a place in grass mixtures for hay purposes.

It is very palatable and is relished by livestock in hay or pasture form.

**PERENNIAL OR ENGLISH RYE GRASS**

**Botanical Description**—This grass is a perennial with a creeping rootstock which develops bunches of leafy stems and shoots. The plant grows in spreading tufts. The stems are upright, more or less elbow bent ascending and are smooth and slender, growing from one to two feet high. The leaves are dark green and folded together when in the bud. The flowers are arranged in a spike-like inflorescence composed of flattened spikelets in two rows. They turn their narrow side toward the main stem, differing from Western Rye, which turns its broad side toward the stem.

**Cultural and Soil Conditions**—It prefers moist, rich clay loams. It can be successfully grown on marshy land or any good well drained soil. Although it is quite drought resistant, it is not recommended for districts where the Summers are too hot and dry. It reaches its best yield at the second year but continues to give good yields for several years.

**Uses**—It is one of the oldest forage plants. It is very useful for hay and pasture purposes and sometimes is used in lawn mixture. Its greatest nutritive value is immediately before flowering.

**BROME GRASS (Bromus Inermis)**

Brome is a (top) grass. Persistent. Withstands drought that kills all other grasses, is not sensitive to cold and dry weather and in regard to this is unexcelled. It does best on rich, fresh, humus-holding soils, loamy sand and sandy loam.

**Habits of Growth**—Produces a close sod, a single cutting the year of sowing; two cuttings the second year. It becomes useful the second year and lasts twelve to fifteen years; second cutting almost equals first.

**Seed and Seeding**—Good seed should test 88 per cent to 90 per cent purity and the same for germination. To sow an acre requires from 15 to 25 lbs.

**Uses**—Develops a good sod, makes excellent pasture grass and fair hay. For hay it should be cut just before flowering for nutritive value.

**TALL MEADOW OAT GRASS**

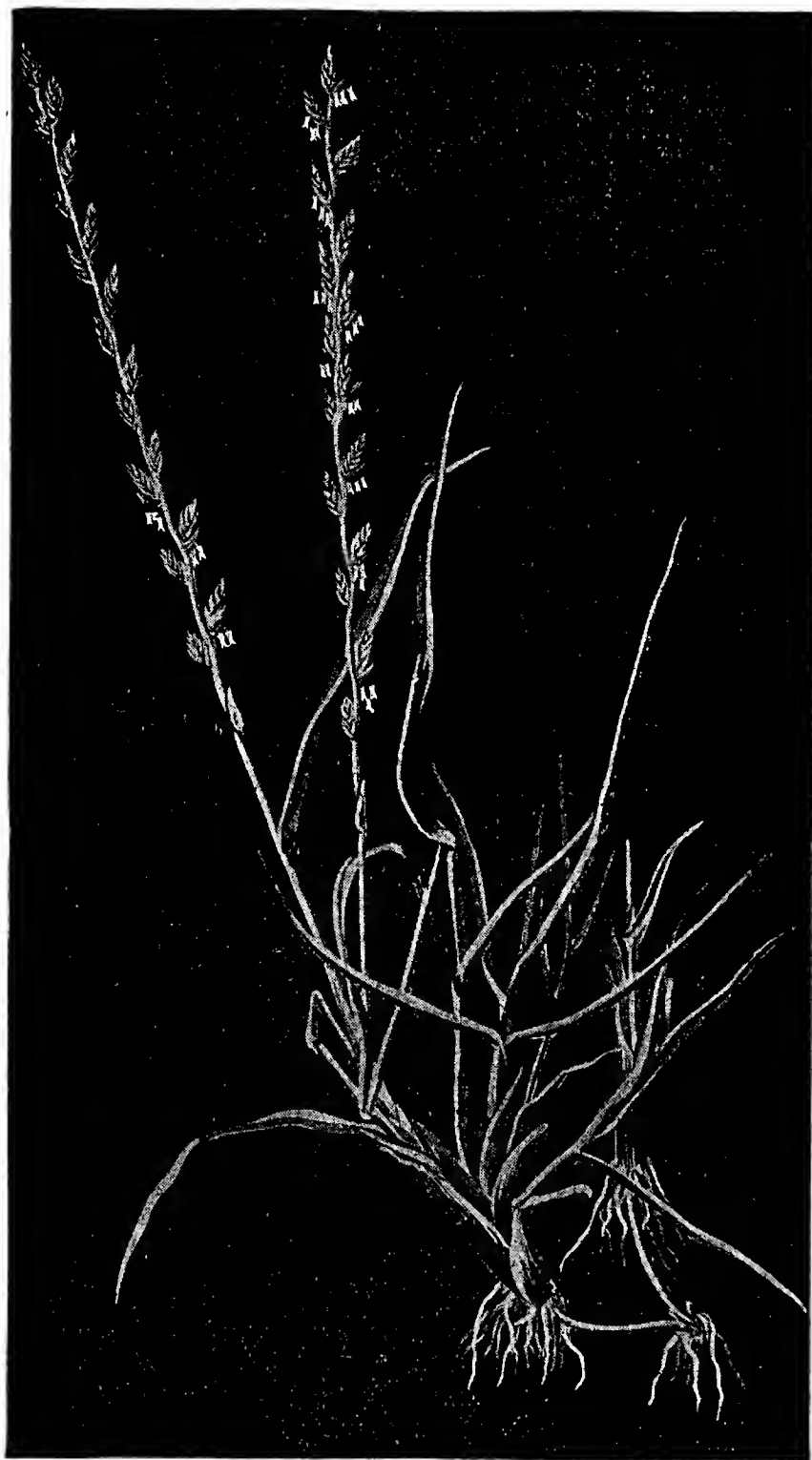
This grass is particularly adapted to warm, dry climates, where Timothy will not grow. It is quite productive, stands pasturing well and remains green until quite late. It forms a very valuable mixture with Orchard Grass and Red Clover. It may be sown in the Spring at the rate of two to two and a half bushels per acre, or where sown with Orchard Grass and Red Clover blended, proportionately.

**SLENDER WHEAT OR WESTERN RYE GRASS**

**Botanical Description**—Western Rye Grass is a perennial with a short rootstock, not creeping. The stems and shoots are rather crowded and the plant grows in dense tufts. Stems and shoots are upright, the stems being from two to four feet high. The foliage is somewhat variable. The spikelets are always strongly appressed to the main stem, making the whole inflorescence narrow and slender—hence the name slender wheat grass.

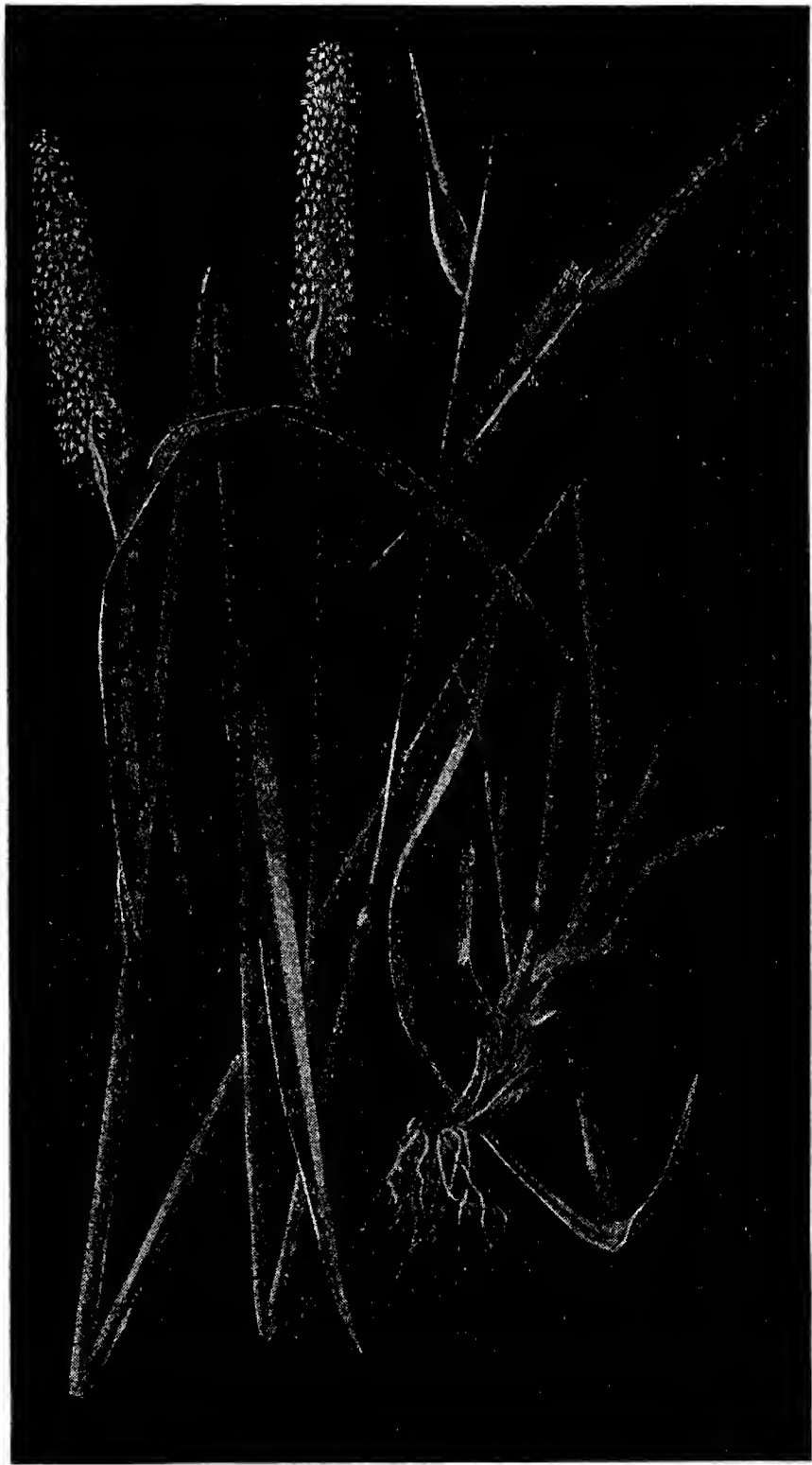
**Cultural and Soil Conditions**—It grows naturally in dry soil and thrives best where water supply is limited. It does fairly well even on alkali ground, and the root being deep and strong, it is drought resistant and resistant to extreme cold. It is easy to grow, establishes itself the first year and gives its heaviest crop the third year.

**Uses**—It is one of the most valuable of western native hay grasses.



Perennial Rye Grass





**Timothy—Most Important Hay Crop**

**Most Important Hay Crop**

**TIMOTHY**

Timothy is a top grass, persistent. Especially adapted to mountainous regions and does best on humus loams and clays, also on well drained swamp lands; does not do well on soil poor in lime or sour soil. It is a rough hay, nutritious and tender when young, liked by all stock.

**Cultural Conditions**—Quite hardy, not sensitive to climate, roots penetrate deep, making it withstand drought fairly well. It is especially useful for hay and pasture purposes and should be seeded from 8 to 12 lbs. per acre.

**ALSIKE CLOVER AND TIMOTHY MIXED**

Where Alsike Clover and Timothy are grown together and the seed is saved therefrom, it is impossible in cleaning to make a complete separation of the two. For this reason we can sell it for less money than would be the case if a perfect separation could be made. Those desiring to sow Alsike and Timothy together can save considerable money by buying the seed of these two varieties together as originally harvested. This makes a splendid mixture for hay or pasture, with just enough Alsike Clover to make splendid hay for horses or dairy cows, carrying about 20 per cent of Clover.

**CRESTED WHEAT GRASS**

From its character and adaptation it is the most promising grass now available for pasture in the dry sections of our state and when cut at the proper stage the hay is of excellent quality. Like other crops, best yields are usually obtained on the fertile black soils, although it does well on sandy areas in the Northwest. We anticipate the seed will be much lower in price in a few years, as it is a heavy seed producer. Try it out on your soil in a limited way, seeding 10 to 15 lbs. per acre, seeded in rows 6 inches apart with grain drill.

**Write for Free Pamphlet on This Grass**



**Orchard Grass**

**SUDAN GRASS**

**The Greatest of All Forage, Grain and Hay Crops for Silo**

Sudan may be planted in cultivated rows, or close drills, or sown broadcast, but we recommend the last-named, using 25 to 30 lbs. of seed to the acre.

It is an annual and requires replanting each year; has no root stalks (as Johnson Grass) and dies with the first frosts in the Fall; is closely related to the Sorghums (Milo Maize, Kaffir Corn, etc.), but yields far more abundantly than any of these and the hay has more fattening properties. **THERE IS NO OTHER FORAGE CROP KNOWN THAT WILL RESIST DROUGHT LIKE SUDAN** and it is therefore particularly adapted to semi-arid regions, yet it yields immense crops under irrigation and in rainy climates. In brief, Sudan solves the hay and pasturage problem for a very large section of the United States.

**REED CANARY GRASS**

Is one perennial grass that will thrive in marshy places, stand under water for weeks without injury, yield enormous tonnage of hay with a feed value equal to wheat bran. Until seed is more plentiful we suggest to seed alone after the land has been worked and weeds killed off, using four to six pounds per acre, any time before June 20th. Make your low land grow profitable crops.

**ORCHARD GRASS**

Orchard Grass is a top grass with thick, bushy, little spreading tufts. Reaches full development in the second or third year and lasts a number of years. It has quick and plentiful second growth and can be cut several times, the first cut before the bloom. When heavily seeded with other grasses gives good pasture and sends its roots deep into the soil. Grows quickly in the Spring and is especially adapted for alternate system of farming.

**FOR PRICES—SEE PINK INSERT**



## Pasture and Meadow Mixtures

(The Most Profitable Crop Grown)

In proper proportions of adaptable grasses and clovers are becoming more and more important all over Montana and the Northwest.

They may be a selection of individually selected mixtures or they may be recommended mixtures (as suggested below) which have been consistently used and proven the best for many conditions.

In either case we can furnish the mixtures or the varieties for home mixing by the purchaser or if he has any special soil or climatic condition to combat we will, upon receiving proper information from him, offer advice and suggestions.

### Peerless Pasture Mixture

(Seed at the rate of 24 lbs. per acre)

A Mixture Which Has Given Wonderful Results

4 lbs. Brome Grass	3 lbs. Perennial Rye Grass
4 lbs. Orchard Grass	3 lbs. Medium Red Clover
3 lbs. Timothy	2 lbs. Alsike Clover
3 lbs. Kentucky Blue Grass	2 lbs. Tall Meadow Oat Grass

### The Huntley Mixture

Recommended by the Federal Experiment Station at Huntley, Montana.

20% Brome Grass	20% Meadow Fescue
20% Kentucky Blue Grass	10% Alsike Clover
20% Orchard Grass	10% White Dutch Clover

Can be seeded at the rate of 16 to 24 lbs. per acre. For the most part the heavy seeding is the more practical.

(Ask Us for Suggestions to Improve Your Native Pasture Lands)

### Field Peas

(60 to 75 lbs. per acre in drills;  
75 to 120 lbs. broadcast)

Peas are second only to Clover in their soil-enriching properties and can be grown under any conditions of soil or climate. There is always a ready market for Peas, or they can be profitably ground and fed to stock. The vines make rich, nutritious hay. If fed to milch cows, when in a green state, pods, vines and all, the flow of milk will be almost doubled. Peas are a paying crop and can be profitably planted in many ways.

They can be grown alone for fodder purposes and green manure but for a dairy feed it is far more profitable to mix them with oats, rye or barley. The best time to cut for hay is just when the grain is heading out. This hay is of the highest quality and extremely nutritious. Cattle, horses and sheep thrive on it and it will surprise you how much of it will be produced on a small acreage.

**White Marrowfat**—These large handsome Peas are equally as profitable to grow as a field crop and on account of their size are saleable at all times at the top of the market, as well as providing the table with extra good Peas during Summer. Very heavy yielder, producing from 30 to 40 bushels per acre; these Peas being softer than the Canada Pea, are preferred by hogs or stock.

**Mixed Peas**—Suitable for a crop for either hogging or sheeping off. An economical way to harvest this crop and a profitable one. There are usually two or more varieties in the mixture, too, near enough alike in size or shape to separate but just as good as the best stock from a feeding value standpoint.

**Canada Peas**—We recommend that oats or rye be sown with these as an aid in harvesting.

**Austrian Winter Peas**—These Peas, like Winter Vetches, must be sown in the early Spring in states where severe cold weather prevails or the crop will be lost. The crop is mainly used for forage either as hay or silage, although for some time a seed crop would be quite profitable. Seeding a combination crop of Oats and Peas, using 40 pounds of Oats and 70 pounds of Peas, gives a maximum yield of forage when drilled in. If the crop is saved for seed, cut when about 90% of the pods are ripe; if for fodder, cut earlier and cure rapidly. Try these out in a small way this season.



Spring Vetch

### Vetches

Like all leguminous crops, Vetch gathers nitrogen out of the air and deposits it in the tubercles on its roots. In order to carry out this process it is necessary that the seed be inoculated or the young plants will not grow as healthy and vigorous as otherwise. Although many of our customers report they are able to grow without inoculating, it seems that one is taking chances when inoculating can be done so easily with Stimugerm.

**Winter Vetch**—Known also as Sand or Hairy Vetch. Although called Winter this variety must be sown in Spring in Montana as it will not withstand our Winters; its advantage is that usually it produces a heavier tonnage per acre than the Spring Vetch. This variety requires a good soil, is frequently sown with oats or barley, with which it makes excellent feed.

**Spring Vetch**—This is a very valuable forage plant and is rapidly becoming popular each year as the farmers are learning more of its great value for forage and fertilizing purposes. It succeeds well on nearly all soils and thrives surprisingly on poor light land. It improves the soil, being a nitrogen gatherer. It belongs to the pea family, but the vines are much longer and the foliage is more abundant. May be sown with about half bushel of rye or oats for support. It grows rapidly and is particularly valuable in sections where clover does not thrive.

### BAYER-SEMESAN CO'S. SEED DISINFECTANTS

These Seed Disinfectants are the most efficient antiseptics for the control of seed, plant and soil diseases or fungus growths that science has yet developed and provide a safe and effective treatment for practically all common agricultural needs.

**Ceresan for Cereals—Semesan Bel for Potatoes—Semesan Jr. for Seed Corn—Semesan for Vegetable Seed—Semesan for Flower Seed—Semesan for Brown Patch.**

FOR PRICES—SEE PINK INSERT



## Millets

**White Wonder**—The most striking feature of White Wonder Millet is the size of the heads. The heads will run from eight up to eighteen inches and a single head will have as many as 15,000 seeds.

**Golden or German**—In the North, Millet is sown almost altogether for hay and for that purpose Southern grown seed is much the best. It grows taller than does that from Northern seed, and that means more hay. It is finer than that from the Northern seed, and that means better hay.

**Siberian or Kursk Millet**—This variety was first introduced into the United States from Kursk, Russia, in 1898. Extensive experiments were conducted at both the South Dakota trial stations, which demonstrated the superiority of this new variety. As both a hay and seed producer it ranks very high. In dry seasons the weight and quality of the hay has been far ahead of Golden or Hungarian Millet.

**Hungarian—(Dark Seed)**—Often called Hungarian Grass. Many regard this as being better even than Golden Millet as it is about one week earlier and requires less moisture. The hay is fine and of excellent feeding value.

**Japanese—"Billion Dollar Grass"**—Entirely distinct from all other Millets. It grows from 6 to 9 feet high, stands up remarkably and yields enormous crops. When cured it makes good hay and in quality is superior to corn fodder. It is relished by all kinds of stock. Sow 10 lbs. in drills; 15 lbs. broadcast, to the acre.

## Proso Type Millets

**Tamboff or Turghai Proso**—We are exceedingly glad to be able to offer this very excellent variety of Proso. We believe it to be the heaviest yielder of any Proso, the earliest, and a tall growing, non-lodging variety as well. The seed is a rich, dark reddish brown in color, and of very beautiful appearance.

**Early Fortune or Red Proso**—This red form of the Proso or Hog Millet type is in especial favor for mixture in poultry foods and many tons are imported every year for that purpose. One of the surest crops in the Northwest, and especially valuable as a grain crop for late planting.

**Hog or Broom Corn**—This is grown for the same purpose for which other Millets are sown, but makes inferior hay unless cut very young. It yields enormously of seed, even 60 to 70 bushels to the acre, and this seed is very advantageously used for fattening swine and other stock, and is of special value for this purpose in sections where corn cannot be safely or cheaply grown.

## Field Beans

**Great Northern Navy**—This variety seems to be especially adapted to Montana soil and climate, and is being grown in increasing quantity each season. In our opinion it leads all other varieties of Navy Beans—when the real test comes—at the table. Its flavor and tenderness as a baked Bean are par-excellence. Sow 16 to 24 lbs. to the acre.

**Small White Navy**—The popular Bean a few years ago, which now seems to be coming back to its own, being of small size. Use only 10 to 12 lbs. per acre. Splendid cooker and yielder.

**Mexican Red or Chili**—A heavy yielder, hardy, drought resistant, and an excellent baking Bean. The seed is similar to the Great Northern in shape, but is red in color. Originally obtained from one of the Ft. Berthold tribes.

**Bush Lima**—It is sometimes called Potato Bush Lima. The plants are vigorous and erect, bearing well above the ground. The pods, which are produced in large clusters, are medium green, about four and three-fourths inches long and each contains three to five large Beans of exceptionally fine quality. It is much more productive than Kumerle and matures earlier. Seed large, irregularly oval in shape, very thick, white with greenish tinge. This sort is popular for home and market use.

## Lentils

Succeed best in dry, sandy soil. A leguminous annual, the seeds of which are valuable for pigeons and are used largely for soups. The leafy stalks make good forage.

## Soy or Soja Beans

Valuable for silage, hay, for hogging off and as a soil improver. They resemble the Navy Bean in appearance but grow considerably taller. When planted with corn for silage the total yield per acre is increased and the feeding value of the silage improved. For hay they are valuable as an emergency leguminous crop where clover has been winter killed; equal to clover in feeding value and one of the best annual clover substitutes. Like clover they gather nitrogen from the air.

For hay, plant 60 to 90 lbs. per acre in rows 20 to 36 inches apart. Harvest when pods are well filled and leaves commence to fall.

**Wisconsin or Early Black Soy Beans**—Be sure to get the genuine extra early variety. They grow from 18-30 inches high and mature in 65 to 70 days. They are one of the best yielders of Beans and best suited for hogging down.

**The Manchu**—Is a good yielder and hence is popular with the farmers. The yield runs around 20 bushels to the acre and the oil content is from 18 to 24 per cent. In habit of growth the Manchu is low branching.

**Illini**—A variety which has proven itself to be adapted to Montana soil and climate. Fields of large acreage sown in widely separated districts have given quite satisfactory returns.

## Sorghum or Sugar Cane

**Sorghum—Minnesota Amber Cane**—This is the type best suited for syrup. The early Amber is the most common variety of Cane grown. There are two ways of planting it: one is by broadcasting, sowing from one to two bushels per acre; the other is to drill with a corn planter and cultivate the same as you would corn.

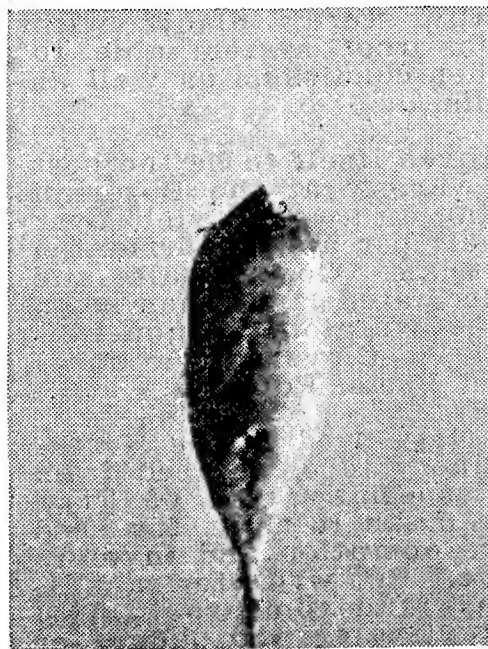
**Southern Amber Cane for Forage and Pasture**—The Cane plant produces from three to eight tons per acre of cured forage and it will withstand drought and other unfavorable conditions that would mean death to any other crop.

## Feterita

(3 to 4 lbs. per acre in drills)

**Feterita**—A wonderful grain which has attracted considerable attention in Kansas, Missouri and Oklahoma. It belongs to the Sorghum family.

## Root Crops for Stock Feeding



Klein's Wanzlebener  
Sugar Beet

See

Mangel Wurzel

Giant Half Sugar  
Beet

Stock Carrot

Ruta Baga



**Buckwheat**

(35 to 40 lbs. to the acre)

Buckwheat, because of its rapid growth, is used in many places as a weed preventive and while more commonly grown for milling purposes it finds quite a common use in the Northwest as an added variety to grain mixtures for poultry feeding.

**Kaffir Corn****Kaffir Corn**

**Kaffir Corn—White Seeded**—An excellent fodder plant, yielding two crops of fodder during the season. It grows 4 to 5 feet high, making a straight upright growth. The stem or stalk bears enormous wide leaves. The stalks are brittle and juicy, not hardening like other varieties of Sorghum. It makes excellent fodder, either green or dry, which is highly relished by cattle and all kinds of stock. The seed crop is also heavy, sometimes 50 to 60 bushels to the acre. For grain, sow in rows 3 feet apart, 3 to 5 lbs. to the acre. For fodder, sow 40 to 50 lbs. either broadcast or in drills.

**Flax**

**Bison**—The most outstanding wilt and rust resistant Flax ever developed. Never has a new variety met with such instant and widespread acceptance and popularity. A largekerneled variety developed by Professor Bolley from a sample of commercial Flax received from Ghent, Belgium, in 1910. This sample was planted in trial rows and single head selections were continued until the type became thoroughly fixed. By process of elimination the final strain selected produces unusually sturdy plants with stiff straw and generous root system able to withstand adverse weather conditions as well as attacks of insects and disease.

**Reserve**—This Flax has proven itself to be the best yielder of any straight variety at the Bozeman Experiment Station, giving an average yield over three years of 27.8 bushels per acre on irrigated land against the eight trials. Good results and yields are produced on irrigated land when sown with Spring Wheat or if sown alone on non-irrigated land following Sweet Clover, or a cultivated crop such as Corn, Beets, Potatoes.

**Russian**—The standard variety used in the Northwest. It requires machinery to clean seed from any grain and this is especially true of Flax. Cleaning Flax so as to make it right for seed is a somewhat expensive operation and involves a very considerable waste. But write for sample, use the magnifying glass and compare it with Flax from the farm or elevator and judge for yourself if our seed is worth all it costs. Treat your Flax with Semesan before seeding and use clean, plump, healthy seed.

**Sunflower**

(10 lbs. to the acre)

Sunflower is often used as a fodder crop but more particularly for silage. For those who feed ensilage or have silos, Sunflower is perhaps the most practical crop to grow where quick growth, early maturity, and large tonnage are factors.

Sunflower ensilage is practically equal to corn ensilage in food value, and the tonnage per acre is invariably much greater. Sow Sunflower seed at the rate of about 10 lbs. per acre, and in rows to permit frequent cultivation until plants are nearly 2 feet high. Mammoth Russian is the variety most in demand for feeding purposes.

**Rape**

(Sow 2 to 3 lbs. to the acre in drill; 5 lbs. broadcast)

**Use of Dwarf Essex Rape**—Dwarf Essex Rape thrives best on a good soil, rich in vegetable matter. Slough lands are excellent. This plant may be grown successfully in the following ways, viz.: 1. In the early Spring to provide pasture. 2. In June or July, on well prepared land, to provide pasture. 3. Along with grain, using 2 lbs. of seed an acre, to provide pasture for sheep after harvest. 4. Along with peas, oats, clover seed, to provide pasture and to get a catch of clover. 5. As a cover in the orchard for Winter protection to avoid root-killing. 6. In corn, sowing the seed with the last cultivation; the succulent feed produced may save the loss of cattle by cornstalk disease. Prevention is better than medicine in regard to this fatal disease. 7. Along with rye, sown in August, in sheep pasture. 8. On early plowed fields to shade the land and so that the soil will not bleach, wash or drift. 9. To plow under as a green crop, adding humus to the soil, an element needed in grain-growing sections. When rape is sown broadcast 5 lbs. of seed an acre will suffice. When sown in rows, say thirty inches apart and cultivated, from 2 to 3 lbs. per acre will be enough.

Shelby, Mont., Aug. 25, 1932.

State Nursery & Seed Co.,  
Helena, Mont.

Gentlemen:

I have had many comments on my Creeping Bent Lawn Grass which I planted last May. It has sure done fine. I have given it one feeding of good commercial fertilizer.

Yours very truly,

J. J. KRAUT.



Inspecting Our Fields of Grain Being  
Grown for Registered Stocks

FOR PRICES—SEE PINK INSERT



# Registered Seed Grains

A real necessity under present conditions as quality in ordinary grain stocks has been lowered on account of low prices.

The varieties listed and described below are offered primarily for their following merits: Increased yields, early maturing, trueness to type, name and variety.

Pure foundation stocks to occasionally replace your old and perhaps degenerated or mixed stocks has the same importance in your grain production as does a good registered bull to the herd in your beef production.

The cost of seed stocks cannot and should not be based on the price per hundred pounds of seed but on price per acre. The average increase in yield per acre of good pure adapted seed has proven that the purchase even at premium prices is economical. The value of early maturity speaks for itself and under our varying frost-free periods in most sections of the state it is mighty good business to give that point its proper emphasis when selecting your seed.

## "Registered" Trebi Barley

A bearded six-rowed hulled variety which has proven to be the highest yielder under irrigated conditions. At Bozeman this Barley has consistently produced more feed grain per acre than any other variety or kind of crop grown. It is rapidly displacing all other Barley varieties in the irrigated sections of Montana and Idaho. It is a good performer under dry land conditions in the more favorable seasons. This Barley is a pedigreed selection made by the Minnesota station from stocks originating in Turkey.

## "Registered" Horn Barley

An outstanding bearded two-rowed hulled variety which has proven to be the best yielder under dry farmed conditions in Montana. At the Judith Basin Branch Station, Horn Barley has outyielded the best six-rowed variety by about 5 bushels per acre. It is the leading variety at the Havre station. This variety is a pedigreed selection made by the Minnesota Experiment Station from stocks of Austrian origin. It is taller than other varieties of the two-rowed class.

## "Registered" Victory Oats

This variety of Oats is the best for general conditions prevailing in Montana. It is outstanding in quality, having won World's Sweepstakes for seven consecutive years at the International Show. At the Bozeman Station it has outyielded the Swedish Select by 6 bushels per acre. Victory Oats were developed from a single plant of the Probstir variety by the Svalof (Sweden) Station.

## "Registered" Marquis Wheat (Wheeler 10B Strain)

Through careful tests and observations made by the Agronomy Department of the Montana Experiment Station, the 10B strain developed by the famous Canadian Wheat Breeder, Seager Wheeler, was selected as the outstanding strain. This strain is remarkably free from bearded mixtures which are so evident in the original stocks of Marquis. It can be expected to outyield the ordinary Marquis by two to four bushels per acre under average Montana conditions.

## Prevent Disease Losses by Using Du Bay Seed Disinfectants



### Ceresan—for Seed Grazing

Why lose part of your grain crops through smuts and other diseases? Prevent them and protect your profits by treating all seed grains with Ceresan before sowing. Effective in controlling stinking smut and seed-borne flag smut of wheat; seedling blight of cereals caused by seed-borne scab; smuts of oats; covered smut and stripe of barley; kernel smuts of sorghums and millets; and seed-borne smut of rye. Seed may be treated in spare time. Ceresan is harmless to seed and does not injure grain drills. Only 2 ounces needed per bushel of seed wheat, rye, sorghums or millets and 3 ounces for oats and barley. See Page 126 for price.



Inspecting Our Field Grain

### FOR FIELD CROPS

#### Anaconda Treble Superphosphate

45% Available Phosphoric Acid  
—and—

#### Anaconda Ammoniated Phosphate

13% Ammonia  
52% Phosphoric Acid

WRITE US FOR PRICES AND  
DESCRIPTIVE PAMPHLET

SEE PAGES FOLLOWING FOR STANDARD  
GRADES OF GRAINS

TREAT ALL SEEDS BEFORE PLANTING WITH DUBAY DISINFECTANTS  
FOR PRICES—SEE PINK INSERT



## Standard Seed Grains

### Oats



The Sturdy, Robust, Heavy  
Yielding, Biggest Oat—"Corriente"

**Novelty—"Corriente" Oats—A Big White Oat—Big "Corriente" Oats** do not lodge under excess moisture conditions and can withstand drought and heat better than other types. Sow early for best results. They grow 3 to 4 feet high and have large heads frequently containing 75 to 110 kernels, all well filled. The large plump grains are nearly twice the size of Victory, Swedish Select or any of the standard varieties now grown. They are a Burbank production selected and improved from stock originally brought from Peru to America.

**Victory**—This variety is very highly recommended by the Montana Experiment Station because of its consistent high yield performance on both dry and irrigated land. It is the best dual adapted Oat, in respect to either dry or irrigated conditions, known.

**Swedish Select**—These originated in Sweden and for years have been one of the dependable standard varieties over the entire Northwest. Our stocks are selected from the best and purest obtainable, are of exceptional quality, thoroughly recleaned and graded.

**Montana White**—A large, plump, early maturing, very good yielding, White Oats of splendid appearance and grade. A sample will convince you of their quality.

**Markton**—The dry land farmer's friend. This Oat is a distinct improvement on the old 60-day Oat of a dozen years ago, being heavier, a better yielder and producing more straw. First time for years we have a good tonnage to offer of Markton Oats weighing 43 lbs. per bushel. They were grown from registered stock, too.

**Gopher**—The wonder Oat. Sounds like a fish story when we say our grower, Mr. Huhnerkoch, produced one thousand twenty-three bushels weighing 43 lbs. per bushel on eleven acres or 93 bushels per acre on good Summer fallowed bottom land without irrigation. It makes a very stiff straw 2½ to 3 feet and a good, compact head of heavy grain. Very early and at the same time very heavy yielding. A product of the Minnesota Experiment Station.

#### PREPARE NOW FOR SPRING

The demand for good seeds is insistent. The Department of Agriculture, Washington, and State Experiment Stations, are of constant benefit to farmers. Watch them—they will advise well. They consistently advocate good seeds of known origin. Our business is to supply the best. WE DO. The accumulated endeavor of years, as represented in our business, is at your service. Thousands of customers year in and year out can testify to our high grade seeds and to our service.

### Spring Wheat

We want to especially call your attention to the fact that the Spring Wheat varieties offered below are something superior to the ordinary standard varieties commonly offered.

**Marquis**—Our Marquis seed offered is grown from the pure 10B strain which has proven itself to be the highest yielding, earliest maturing strain of Marquis for Montana Hard Spring Wheat sections. Chief characteristics are that it is beardless, good straw, fine milling qualities and highest yielding and earlier maturing than ordinary Marquis. Our seed was grown from pedigreed stock.

**Federation**—In sections of the Northwest where White Spring Wheat is used we strongly recommend Federation. It has a medium short strong straw, is a good stooler and beardless. H. L. Cram, our grower, who has produced Federation seed for several years and was formerly a producer of Club Wheat, says that it averages ten days earlier than Club Wheat, yields as heavily and requires less water.

**Soft Spring Wheat**—Strong straw and heavy yielding variety, particularly well adapted to most of the irrigated districts of the Northwest. Absolutely pure Soft Spring is practically impossible to obtain but our stock has an exceptionally low percentage of other wheat.

**Dicklow Wheat**—The heaviest yielding variety of all Soft Spring Wheats under irrigation. It is a selection by Richard Low from other Club Wheat varieties in Utah. Because of its quality and yields it attracted much attention and there was soon a large demand for Dick Low's Wheat. Our seed stock was grown in the Helena Valley and yielded nearly 70 bushels per acre.

### Winter Wheat

Before seeding time write us for recommendations on new adapted varieties, treatment recommendations, and prices.

#### NEW IMPROVED CERESAN FOR WHEAT

Because of the low cost of application and its effectiveness, this new product will meet the farmers' demands for reduced cost of seed treatment in a dust disinfectant for wheat. A single pound of NEW IMPROVED Ceresan will treat 32 bushels of wheat or 4 times more than the old product. Think of it—just ½-oz. to a bushel of seed and a cost of only 1½ to 2½ cents a bushel, less even than the low cost of dusts at present on the market. The ease of application also has been improved as this new product may be applied by the shovel method.

Price, 1 lb., 75c; 5 lbs., \$3.00. Postage extra.

#### USE THE EASY CERESAN DUST TREATMENT

**Disinfection of Seeds**—Before planting, to combat many destructive seed-borne fungi and protect against certain harmful soil-borne organisms, has become the standard practice of progressive farmers throughout the country.

**The Grain Farmer**, however, has in the past been handicapped in his efforts to control many of the important grain diseases because the treatments available to him have been far from adequate for the purpose.

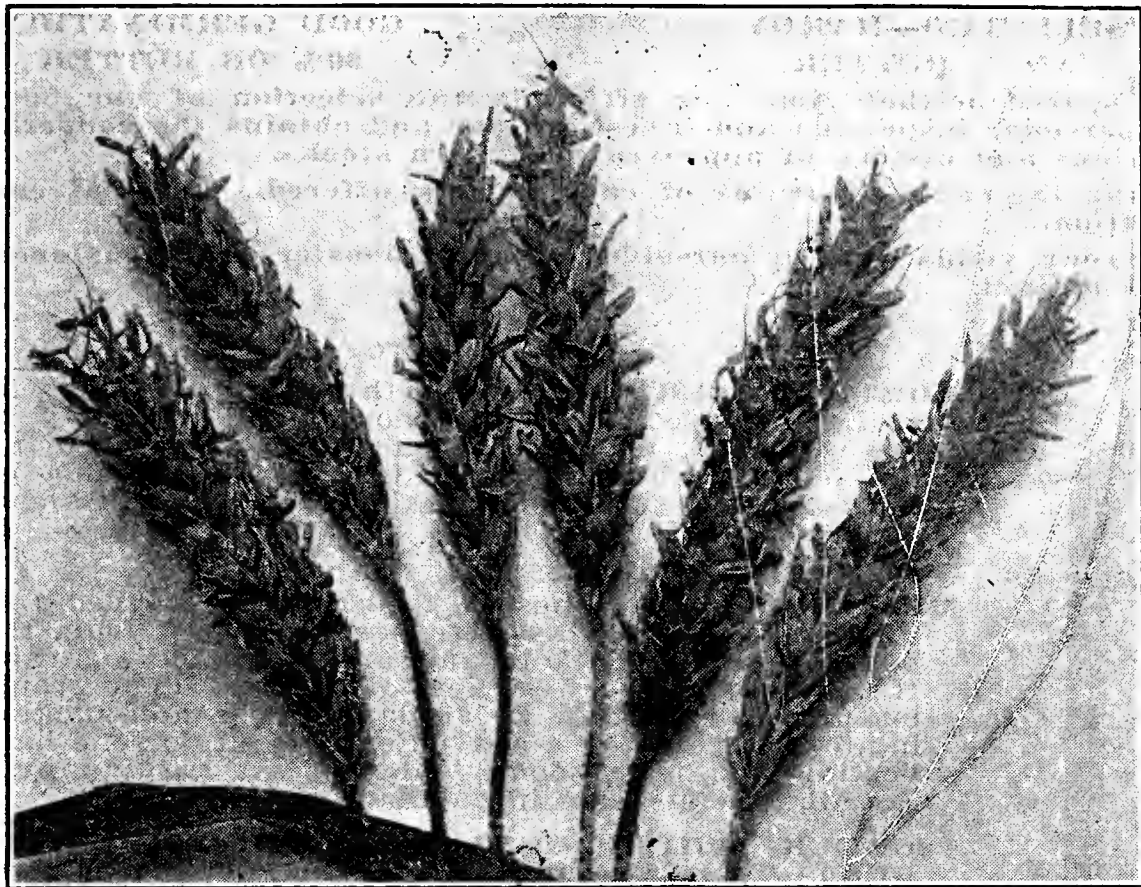
**For Wheat**—Ceresan is very effective in the control of bunt, of stinking smut and is recommended for the control of seed-borne flag smut. Ceresan is a very fine, gray dust, the chemical constituents of which do not cause corrosion of metals. Therefore Ceresan should not clog the drill nor cause injury to its metal parts as is the tendency of some dust disinfectants.

**On Oats**—Excellent control of loose and covered smuts may generally be obtained by seed treatment with Ceresan. Ceresan is much easier to apply than the old liquid treatments and has no injurious effect.

FOR PRICES—SEE PINK INSERT



## Small Grains



Barley—Faust's Blue Hulless and Beardless

## Spring Rye

**PROLIFIC** — This outstanding variety of Spring Rye is very appealing on account of its attractive appearance and size of the kernel. Our crop averaged 40 bushels per acre in the rather unfavorable season of 1931, which we consider was excellent.

If your seed is running out or you wish to get a new start try Prolific; it's worth while.

**SPRING RYE**—True stock. Spring Rye makes an excellent crop where Winter grain has been killed out, or for sowing where a Fall crop has not been planted. For the dry farmer needing a sure crop of hay, Rye can be depended on to produce a good tonnage of excellent hay. Does not grow quite so large straw as Winter Rye, but usually yields well and grain is of fine quality. We call particular attention to the fact that we offer genuine Spring Rye.

## Fall Rye for Spring Use

Fall Rye planted in the Spring on either dry or irrigated land for pasture purposes gives surprisingly satisfactory results. The stooling characteristics emphasized by the Spring conditions makes an early abundant pasture.

**FALL RYE—Amber**—Winter Rye is much hardier than wheat and can be grown in a greater variety of soils. It will thrive in dry seasons and on light sandy loam. It is grown for grain fodder, soiling purposes and green manure. Sow Aug. 20th to Sept. 15th—1½ bu. per acre if for grain, and 1½ to 2 bu. per acre for Fall pasture. If drilled 2 to 2¼ in. deep there will be less danger of Winter killing. Our seed is selected, graded, and thoroughly cleaned.

**FALL RYE—Rosen**—Rye cross-breeds like corn. In this respect it differs from wheat, which will not cross-fertilize if two or more kinds are grown together for years. To keep a Rye pure, it should be grown away from a common crop, like you must grow yellow corn distant from white corn.

Farmers who have grown Rye know that 15 to 20 bushels per acre is about what they can expect. Such farmers, who changed to the Rosen Rye, are now getting 25 to 30 bushels, and 40 to 50 bushel yields are not very uncommon.

## SAMPLES

We are always ready and willing to send samples of all grass and field seeds for your inspection. Don't hesitate to write and request samples in these lines at any time. We want you to know just what our seeds are before you buy and we will ship exactly the quality we furnish as sample.

## Seed Barley

## WHITE HULLESS OR BALD

**BEARDLESS**—A very early, six-row Barley without beards and which threshes out of the straw like wheat. Very useful for hogging off, due to the lack of beards. Under favorable conditions White Hulless will do well on dry land and will produce a feed practically equal to corn.

**FAUST'S BLUE HULLESS AND BEARDLESS BARLEY**—Is the latest improved strain of the Blue Hulless varieties. Besides the added characteristic of being beardless it has proven itself to be far the highest yielding of all Hulless types. The feed value of this variety is the highest of all Barleys and 35 to 40 bushel yields are very common.

## Bearded Barleys

## ARE NOW MUCH SOUGHT FOR

**TREBI**—A 6-row introduction especially suited for irrigated lands. Bozeman reports their average for the two past seasons as 95 bushels per acre. Trebi requires less time to mature than Chevalier. The straw is of medium height, and fairly stiff, so that it is less likely to lodge than other varieties. Recommended principally for irrigated land.

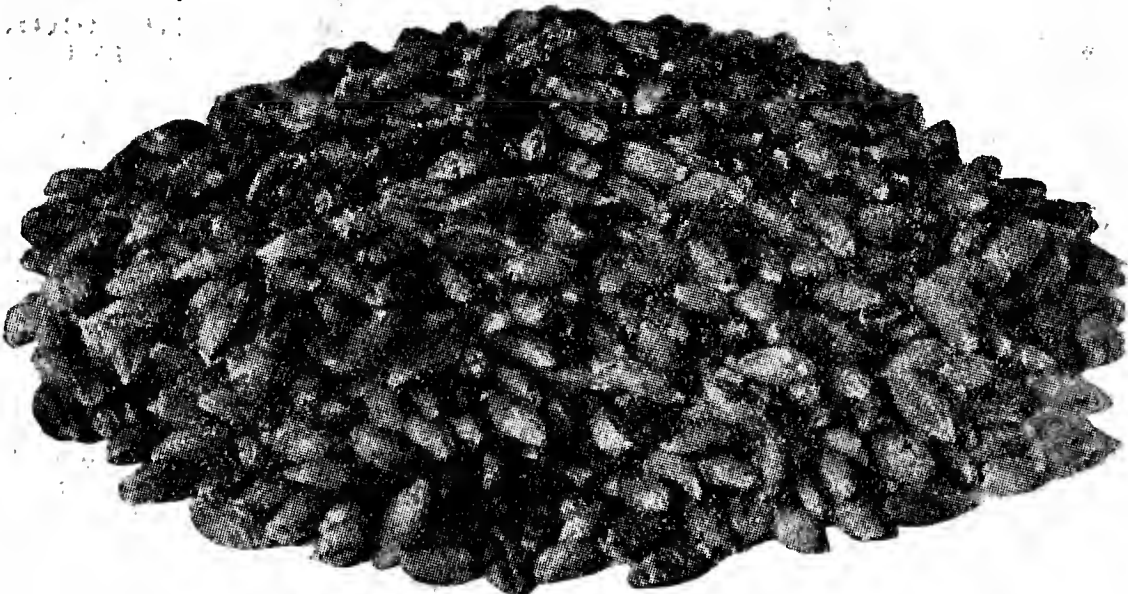
**HORN BARLEY** — An outstanding bearded two-rowed Hulled variety which has proven to be the best yielder under dry farmed conditions in Montana. At the Judith Basin Branch Station, Horn Barley has outyielded the best six-rowed variety by about 5 bushels per acre. This variety is a pedigreed selection made by the Minnesota Experiment Station from stocks of Austrian origin. It is taller than other varieties of the two-rowed class.

**HANNCHEN**—Two Row, has for years been known as one of the best and most consistent yielders of the two-row type. It is generally so well known that no detailed review of its performance or characteristics is needed. It ranks high as a dry land crop.

## Seed Speltz

**SPRING SPELTZ OR EMMER** is very similar to Barley in appearance and growth, and is especially adapted to the semi-arid districts of the Northwest and can be relied upon to produce a fair crop even under the most adverse conditions. It produces heavy yields of grain, and straw which is equal in value to oat straw. Its extreme hardiness and drought resisting qualities, together with yielding qualities that surpass any other cereal, make it a grain of the utmost importance to the farmers in the North and Northwest.

Our seed stock has been bred up from the most hardy, high yielding strains, and has been carefully recleaned and graded and we believe that we are in a position to furnish you with the best that can be produced, and we know that it will prove to be the cheapest and best feed which you have ever grown upon your farm.



Grains of Hulless and Beardless Barley

FOR PRICES SEE PINK INSERT



# State Nursery and Seed Company's Seed Corn

**HIGHLY YIELDING—DEPENDABLE  
ADAPTED STRAINS**

**SELECTED—HARDY  
NONE BETTER**

**GOOD GERMINATION  
90% OR BETTER**

We have taken special care and have spared neither time nor effort in the selection of our Seed Corn stocks. Our representative makes personal inspection and investigations and obtains the cooperation of the county agent for recommendations and history of approved Seed Corn stocks.

We pay particular attention to selecting the earliest strains of each variety offered. Especial emphasis is given to type, yield and germination.

We thus reduce your risk, increase your yields and for ourselves obtain a booster and a customer for years to follow. The benefit becomes mutual.

## Dent Corn

**NORTHWESTERN DENT**—Northwestern Dent is generally conceded to be the most popular variety in the semi-dent class. It is not only early maturing but is an excellent yielder in grain production or from a silage standpoint in tonnage per acre; under average conditions it will mature in from 85 to 100 days.

**MINNESOTA 23**—Minnesota 23 is a white capped yellow dent. Our stocks have been produced from the popular certified Coleman early and Typy strain. It is one of the very earliest of the semi-dent group, maturing in from 85 to 95 days. It is non-suckering, carries ears at a convenient height for the harvesting and is a good yielder. Fast gaining over the other semi-dents in popularity.

**PIONEER WHITE DENT, or RUSTLERS WHITE DENT**—This is now recognized under the general name of Pioneer White Dent and is the earliest of the true dent varieties, maturing in from 85 to 95 days under average Montana conditions. It is not only a dependable grain producer but also a fair silage producer if desired for that purpose.

**MINNESOTA 13**—Minnesota 13 has rightfully earned its high rank as a Montana Corn. It yields well and matures early, although not quite as early as the other dents or semi-dents mentioned, its average being from 90 to 105 days, which makes it safe as a Montana Corn under anything like normal years. The strain we offer has been a remarkable yielder and for the past seven years has matured at an altitude over 3,400 feet.

**FALCONER**—Every year this wonderful semi-dent proves more and more its very great value to the Northwest. Acclimated by nearly forty years of growing, and carefully selected, it improves each year. It is earlier than any of the dents, and heavier, being a descendant from the original native Indian Corn, and it has consistently outyielded all other sorts year in and year out with us. The color is a somewhat uneven yellow, rows eight to twelve, and ears very large. It grows tall enough on the stalk to be handled with a corn binder.

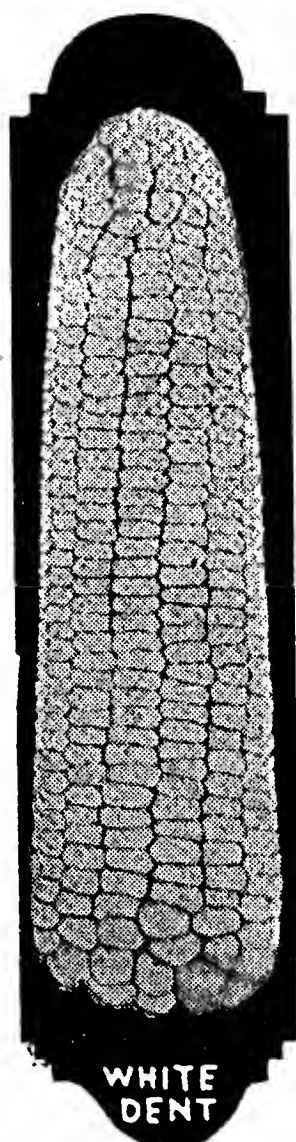
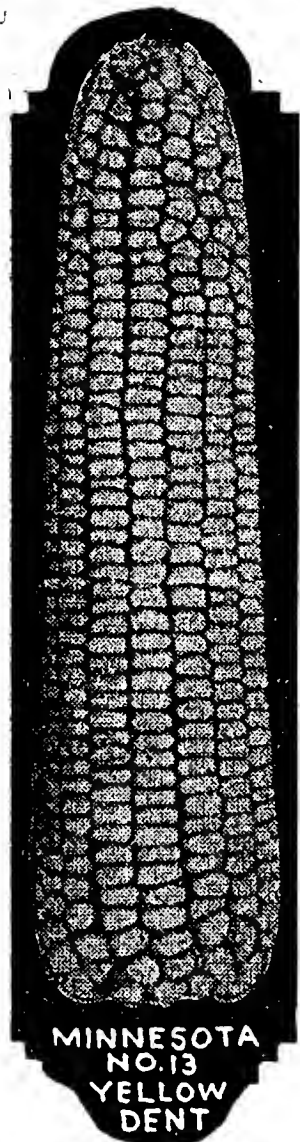
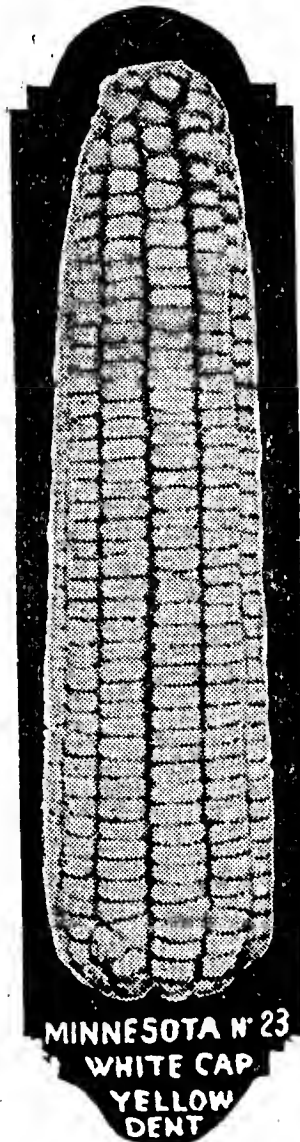
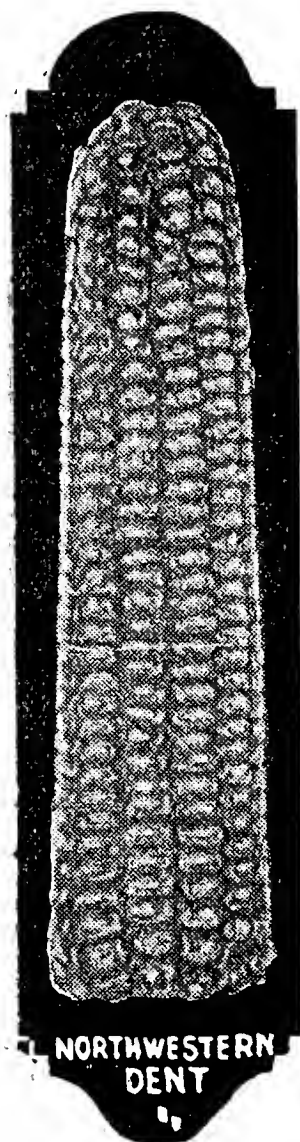
## Early Flint Corn

**GEHU**—The best known of our native early flints; might well be called the Universal Corn. It has been carefully bred by us for nearly forty years and shows the effect of this breeding. Its feeding qualities are the highest of any variety of Corn; it is leafy and produces a tremendous amount of excellent fodder, since there is no heavy stalk and every part of the plant is utilized. It is drought, frost and hail resistant to a wonderful extent in addition to its great earliness. In good soil and under favorable conditions it may be cut with a corn binder.

**NORTH DAKOTA WHITE FLINT**—North Dakota White Flint is one of the earliest of the standard varieties of flint Corn. It is a low-growing type from 4 to 5 feet and matures in about 80 days. It is especially adapted to early hogging down as the ears grow close to the ground.

**THE ORIGINAL DAKOTA SQUAW OR RAINBOW FLINT**—This is a mixed form of the early flint and is the first variety listed by us after our business was started. It has retained its popularity through all the years since, on account of its extreme earliness and its unusual hardness. It is very resistant to both drought and frost and fully as heavy a yielder as any variety of early flint. It is a flint Corn of mixed colors, yellow, white, blue and red predominating; ears long and slender, mostly eight rowed.

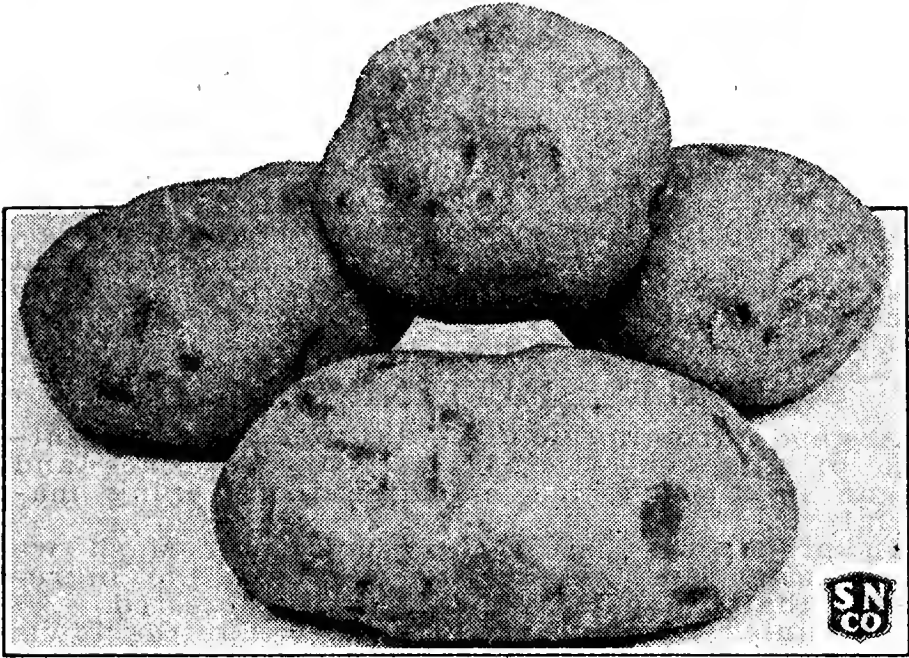
**SEMESAN JR.**—This modified form of the patent product, Semesan, is exclusively a dust disinfectant used principally for the ear, root and stalk rots of field and sweet Corn but also for the treatment of cereal infections. Under Government-conducted field tests, Semesan Jr. increased the crop yields from diseased field Corn seeds by approximately twenty bushels to the acre and from similarly diseased Sweet Corn by as much as 47.7% with an average of practically 12%.



FOR PRICES SEE PINK INSERT



# SEED POTATOES



Potato Novelty—White Gold

## Early White Gold

Outstanding feature is its earliness. Here is a Potato of good size and appearance. A good yielder and ten days earlier than Cobbler, Early Ohio or Triumph. At the State Fair and numerous County Fairs this new variety carried off highest honors. It is an ideal Potato for the home and ranch garden. See illustration. As our supply of this new variety is limited, place orders early with part remittance if convenient, balance when you desire shipment made.

## Leggerini's Early Italian

From a half dozen Seed Potatoes brought from Italy, our grower, Mr. Leggerini, in the past five years has produced and increased his acreage until this year we have a limited amount of this exceptional early Potato to offer.

The Leggerini Early Italian in type is similar to the Early Ohio, although varying slightly in some characteristics. In the five years produced here it has proven itself to be exceptionally early, is light in color and the meat white throughout. For the past four years we have had an opportunity to study this Potato and from the standpoint of early maturity, yield and keeping qualities, we know of no early Potato that it is equal.

## Early Triumph

### THE MOST POPULAR EXTRA EARLY

The Early Triumph is a roundish, red Potato, somewhat earlier than the Early Ohio and a very good yielder on good soil with fair moisture conditions. It is a great favorite at the present time, and many carloads of seed from our state are shipped south where they are used to produce the early crop for the large markets.

## Early Ohio

The Early Ohio Potato is so generally known that it requires no extended description. It is more popular than any other early variety, as shown by the greater number of sales for seed stock.

## Irish Cobbler

An excellent early variety of a roundish type with a creamy white skin. A fine yielder and a sturdy, vigorous grower.

Extra fine quality for family use in Fall and early Winter and in our estimation the best main crop, round white variety grown.

## Netted Gem

Sometimes called the Russet Burbank. A splendid main crop late Potato with brownish russet skin, flesh with yellow eyes, rather long shape. Netted Gem is an excellent yielder, very regular in size, and is unsurpassed as a baking Potato. The tubers present an excellent appearance, and are splendid shippers.

**SHIPPING NOTICE**—Owing to the uncertainty and danger of freezing when shipping by parcel post, we request that shipments be ordered by express or freight when possible. Otherwise for our customers' protection we may be forced to delay delivery for favorable weather.

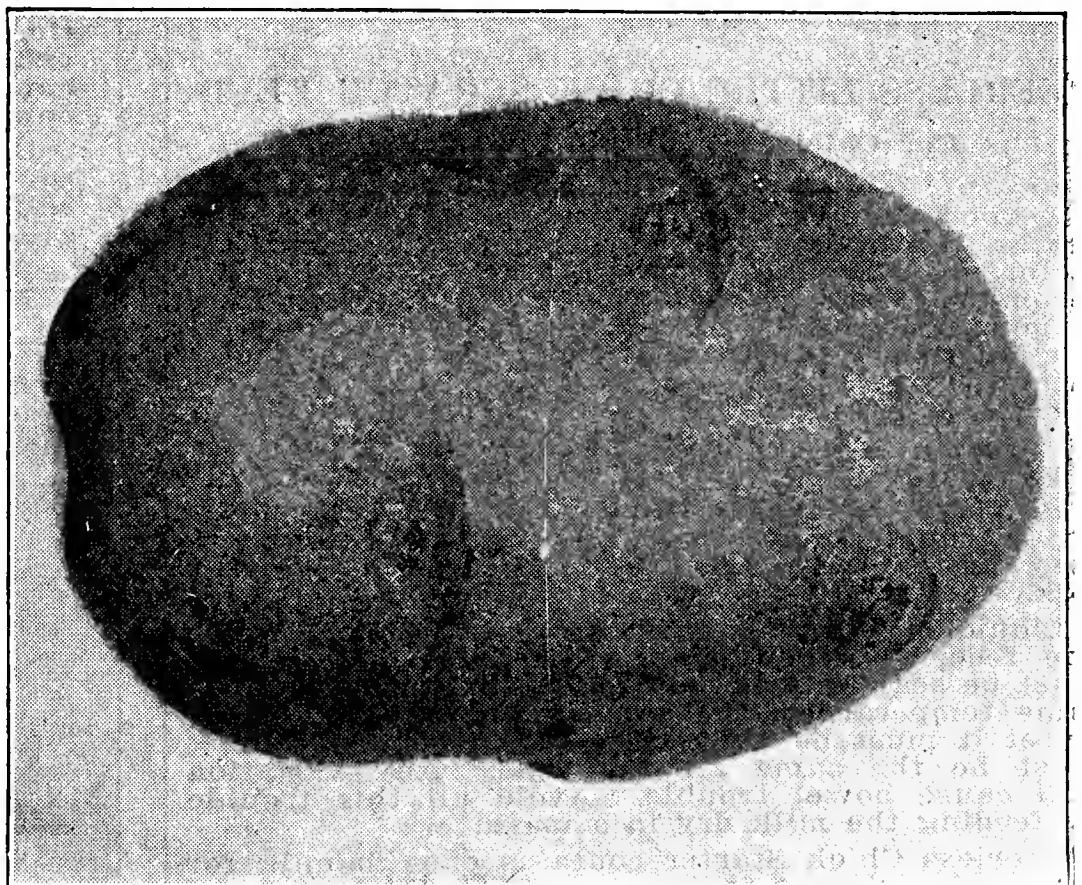
## New Katahdin Potato

This is a new Potato of merit originated by the United States Department of Agriculture. It is a white Potato, not quite as early as the Cobbler and much smoother, having fewer eyes than most other Potatoes, giving it an exceptional character from the paring standpoint. This variety has been a feature at many horticultural exhibits throughout the country.



Note the great improvement in stand and vigor of growth of the Semesan Bel treated plants at left.

Ask for pamphlet on New Improved Dubay Semesan Bel Potato Treatment. A pound treats 70 to 80 bushels of Potatoes.



Early Italian Type

FOR PRICES SEE PINK INSERT



## State Nursery & Seed Company's Peerless Poultry and Dairy Foods Contain Concentrates and Minerals



**Roy Millegan Telling His Flock They Have  
Ended Depression for Him**

### PEERLESS HEN SCRATCH FEED

A combination of seven varieties of grain in the proper proportions to make a well balanced ration. A scratch food is most necessary to encourage exercise but to enable the hen to make the best and most economical use of her scratch it should be accompanied by a good laying mash such as Peerless.

### PEERLESS DEVELOPER SCRATCH

**For Chicks from 8 Weeks to Maturity**

A combination of the best grade of carefully cleaned grains prepared for growing birds from about eight weeks old to maturity. It is always advisable to feed a mash with a scratch food and we recommend either Peerless or Pratt's Growing Mash.

### PEERLESS GROWING RATION SCRATCH FEED

**For Chicks from 3 to 7 Weeks Old**

Similar to little chick scratch but a size larger. As a chick develops in size the size of the scratch requirements naturally increases.

### PEERLESS LITTLE CHICK SCRATCH FEED

**For Chicks from 1 to 3 Weeks Old**

A good clean wholesome ration of finely milled grains, attractive and appetizing, the necessary factors to stimulate and encourage exercise. We recommend starting baby chicks on Peerless Buttermilk Baby Chick Mash and after one week of age adding the little chick scratch to the daily ration.

### PEERLESS CHICK STARTING MASH

Peerless Chick Starter is a trouble preventer; not a trouble shooter. It will not cure them after they are sick but will keep them from getting sick.

Liquid milk causes more trouble than any other one feed, yet they must have milk. The dishes must be scalded every day. The milk must be the same temperature, the same quality. If it is fed sweet it must be kept sweet. If it is fed sour it must be the same all the time. Any variation will cause bowel trouble. Avoid all this trouble by feeding the milk dry in a mash.

Peerless Chick Starter contains enough milk for the chicks without feeding any in liquid form.

Peerless Chick Starter contains all the essential feeds necessary for the chick, when fed with a good grade of chick scratch. It contains all the vitamins, proteins, carbohydrates and fat needed. It is low in fibre.

### PEERLESS GROWING MASH

We recommend the tapering off from chick mash to growing mash at the age of six weeks. Probably the most safe and satisfactory way is to increase the growing mash and decrease the chick mash about 10% per day until the change is completed. Peerless Growing Mash is made to build muscle, bone and feathers. Every ingredient is included in the right proportion and is pure, clean and wholesome.

### PEERLESS FATTENING MASH

A good fattening food contains a high percentage of nitrogen—free extract (the starches and sugar in feed) which is the real fattening material.

In preparing our Peerless Fattening Mash we have taken special care to use only the ingredients that are palatable and easily digested.

For quick results it is necessary that the fowls eat and digest the largest quantity of the proper food.

### PEERLESS EGG MASH

Properly balanced for egg production and containing the proper amount of cod liver oil. We guarantee its satisfaction and comparative food value with any mash on the market. The value of our mash rests in its highly concentrated food value. Being relatively rich in proteins compared with other forms of feed, it supplies those elements entering into the manufacture of eggs and the building of bone, flesh, feathers and nerves. These last are, of course, all vital to economical production. The results of our increasing sales tell the story of satisfied customers.

### USE MONTANA MADE FEEDS—THERE ARE NONE BETTER

Peerless Feeds are made of the finest and cleanest ingredients obtainable. Our feeds contain no screenings; we use only ingredients that come up to a high standard in all scratch and mashes sold.

With the price of eggs higher this Winter, be sure and keep your pullets on Peerless Growing Mash, adding Peerless Laying Mash when they start laying for maximum profits.

Our dairy feeds are properly balanced, made of recleaned ground grains, molasses, linseed meal, cottonseed meal, gluten and minerals. This feed is a real milk producer, also keeps your cows in good condition.

Our feed department is ready at all times to help you with your poultry and dairy problems.

### WRITE FOR OUR POULTRY FEED AND SUPPLY CATALOG

This publication is issued by us several times during the year and your name on our mailing list will place each issue in your hands. Do not delay; write in and get your name on this special list today.

Home grown feeds need the addition of concentrates and minerals for satisfactory results. We use Montana ingredients wherever possible.



**They Reply: Feed Us Peerless Egg Mash and  
We'll Make You Rich**

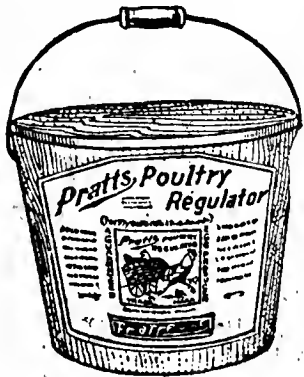


# Pratts POULTRY AND ANIMAL REMEDIES

We Recommend Them as the Best that Money Can Buy. Try Them.

## PRATT'S POULTRY REGULATOR

A perfect, natural food for laying hens. Makes more eggs from the same feed and keeps layers in the pink of condition through even the heavy production strain. Its mineral and vegetable tonic content is not found in feeds, yet they are necessary for heaviest egg production. Contains all the necessary elements in accurate and scientific proportions that hens need for egg making. Builds vitality and stimulates egg production. Used by the most successful poultry raisers everywhere. Perfectly pure and free from harmful substance.



Price, 4 lbs., 60c, postpaid, 75c; 12-lb. sack, \$1.75, postpaid, \$2.06. By express or freight, 25-lb. sack, \$3.00; 100-lb. sack, \$10.50.

## PRATT'S N-K CAPSULES

(Poultry Worm Capsules)

Pratt's N-K Capsules (Nicotine and Kamala) can't fail to get the worms. Each tablet consists of the proper dose of nicotine and kamala encased in a special airtight coating. Authorities are agreed that these ingredients are the most effective known and will give positive results.

There is no simpler, safer, surer or more practical way to treat a bird for worms than by the use of Pratt's N-K Capsules. The advantages of individual treatment of poultry for worms lie in the fact that this method permits giving each fowl a definite, positive and proper dose. The results are sure and prompt.

Adult size, 50 capsules, \$1.00, postpaid, \$1.05; 100 capsules, \$1.75, postpaid, \$1.84; 500 capsules, \$7.00, postpaid, \$7.19.

Chick size, 50 capsules, 65c, postpaid, 68c; 100 capsules, \$1.00, postpaid, \$1.05; 500 capsules, \$4.50, postpaid, \$4.69; 1,000 capsules, \$8.00, postpaid, \$8.31.



## PRATT'S S-H (Sodium Hypochlorite Solution)

(Not a Poison)

Stops the spread of infectious poultry diseases such as Bacillary White Diarrhea, Coccidiosis, Roup, Fowl Cholera and others. Pratt's S-H (Sodium Hypochlorite Solution) is instant death to disease germs.

Give it to the flock in their drinking water. Use it to disinfect eggs to be hatched, brooders, incubators, etc. Valuable in treating many diseases. Full instructions with every package.

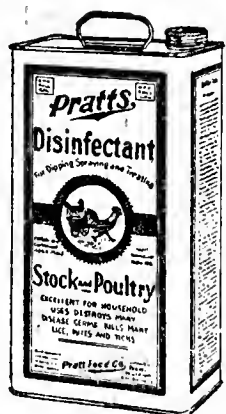
S-H also has many uses on dairy farms, commercial plants making dairy products, institutions, household, and fox and rabbit farms.

Prices—10-oz. bottle, 50c, postpaid, 63c; quart, 90c, postpaid, \$1.07; by express or freight, gal., \$2.00; 5 gals., \$8.50.



## PRATT'S DISINFECTANT

A standard coal-tar solution four times stronger than carbolic acid as a germ killer. A quick, effective germicide, insecticide, and deodorant. Effective in stables, barns, poultry houses and yards and for pets. Its pleasing, clean odor makes it admirable for household use. Considered the best disinfectant on the market today. Price, quart, 65c, postpaid, 82c; ½-gal., \$1.00; gal., \$1.75. By express or freight.



## PRATT'S BAG OINTMENT

The New Improved Bag Ointment—Relieves milking trouble due to caked bag, sore teats, bunches and inflammation. Penetrating, soothing. Large can, 60c, postpaid, 71c.

## PRATT'S R-P TABLETS

(Formerly Called Roup Tablets)

A wonderful remedy used in every civilized country because it cures. For fowls that sneeze, gasp and wheeze, also for those having a watery discharge from the nostrils and eyes. Prevents colds. Excellent for turkeys.

In powder or tablet form. State which.

Price, 30c, postpaid, 33c; medium size, 60c, postpaid, 66c; large size, \$1.20, postpaid, \$1.30.



## PRATT'S CHICK TABLETS

(Formerly Called Diarrhea Tablets)

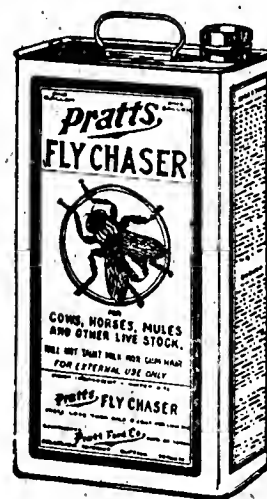
"The Baby Chick Life Saver." Pratt's Chick Tablets in the drinking water kills the specific organism which causes white diarrhea and saves the hatch. Use as a preventive when hens are laying, because it will prevent this deadly organism from developing in the egg. Price, 30c, postpaid, 32c; large size, 60c, postpaid, 63c.



## PRATT'S FLY CHASER

Why let your animals suffer needless torment from flies? Food energy used to fight flies is wasted as far as milk production is concerned. Horses, too, will do more work when relieved from fighting flies. Fly Chaser does not injure hair or animal when used as directed. Fly Chaser should be used in every stable, and every barn.

Price, ½-gal., 90c; 1 gal., \$1.50. By express or freight only.



## PRATT'S POULTRY WORM POWDER

This is the product to use for worming an entire flock at one time. Pratt's Poultry Worm Powder gets Round Worms, Tape Worms, and other Intestinal Worms of poultry and turkeys. One chicken saved will pay for sufficient powder to treat a large flock. Powerful, efficient, easy to use. Blackhead is usually caused from worms.

Price, 2-lb. pkg., 60c, postpaid, 73c; 4½ lbs., \$1.20, postpaid, \$1.37; 12-lb. sack, \$2.20, postpaid, \$2.51; by express or freight, 25-lb. sack, \$3.85; 100-lb. sack, \$13.25.



## PRATT'S LICE KILLER POWDER

The world's champion lice killer for poultry, hogs, cattle, rabbits and pets.

Price—14-oz., 30c, postpaid, 41c; 2 lbs., 60c, postpaid, 73c.



B-K—SEE PRATT'S S-H

## PRATT'S ROOST PAINT

A new, improved, nicotine sulphate formula—will kill lice and start your flock toward profits. It makes it easy, convenient and inexpensive to delouse every bird. You merely paint the roost and a small can goes a long ways.

Lice die over night while your flock rests in undisturbed sleep.

Now you can afford to delouse your birds. The low cost and efficiency of Pratt's Roost Paint makes it true economy—"just paint the roost."

½-pint, 75c, postpaid, 86c; pint, \$1.25, postpaid, \$1.38; quart, \$2.00, postpaid, \$2.17; by express or freight, gallon, \$6.00.



# Pratts POULTRY AND ANIMAL REMEDIES

We Recommend Them as the Best that Money Can Buy. Try Them

## PRATT'S SPECIAL COMPOUND

For the treatment of cholera, indigestion, bowel trouble, and all kindred troubles in chicks or grown fowls.

Price—large size, 60c, postpaid, 69c.

B-K—SEE PRATT'S S-H



## PRATT'S RED MITE SPECIAL

Is the most powerful liquid lice killer and mite destroyer ever put on the market. Painted and sprayed around the poultry house according to directions, it will keep it free of these blood-sucking pests. Economical, powerful, non-poisonous, safe, sure and guaranteed. Quart, 75c, postpaid, 82c; ½-gal., \$1.25; gal., \$2.25. By express or freight.



## PRATT'S HEALING OINTMENT

Injuries of any kind healed naturally and permanently. Pain quickly relieved. Apply Pratt's Healing Ointment to sores, cuts, scratches, wounds, burns, barbwire cuts. Skin eruption, eczema and itching, are quickly cured. Corns, harness and saddle galls disappear in short order. Have this ointment handy at all times.

Price, 35c, postpaid, 38c.

## PRATT'S SCALY LEG OINTMENT

Scaly leg is contagious, and while not fatal, is injurious to the bird and its sale value as well as its usefulness. Is guaranteed to cure. Also excellent as a dressing for the feet and legs of show birds, increasing their "point" value.

Price, 35c, postpaid, 40c.

## PRATT'S GAPE COMPOUND

Millions of chicks are lost every year through "gapes." A little red worm in the windpipe, which causes death by strangling. Pratt's Gape Compound is the most effective guaranteed method of treatment known. Gives sure and quick relief.

Price, 60c, postpaid, 70c.

## PRATT'S ANIMAL REGULATOR

Builds up health and vigor of livestock. A wonderful conditioner and stock tonic. Stimulates health and quick growth of young. Helps hard working animals to thrive and stay in the pink of condition under the heaviest working schedule. Pratt's Animal Regulator is a combination of vegetables and minerals not found in feeds but which sharpens the appetite, improves the digestion, regulates elimination and builds up health, growth and energy—all at very little cost.

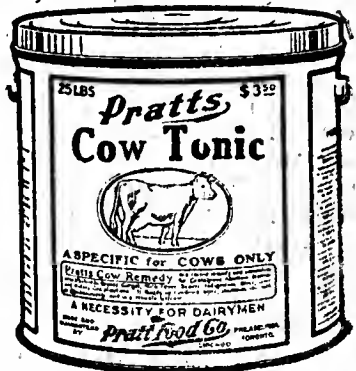
Price—Large pkg., 70c, postpaid, 83c; 7-lb. pkg., \$1.40, postpaid, \$1.63. By express or freight, 25-lb. pail, \$3.50.



## PRATT'S COW TONIC

Increases milk flow and makes it rich in butterfat. Enables the cow to turn more of the feed into milk and keep up the full flow for a longer period. A positive remedy for scours. A wonderful all-around tonic.

Price—2 lbs., 65c, postpaid, 77c; 4½ lbs., \$1.25, postpaid, \$1.42.



# PRATTS POULTRY AND ANIMAL FOOD

"We Can Make No Better, You Can Buy No Better, Chicks Can Want No Better"

## PRATT'S BOOKS FREE

**BABY CHICKS**—How to feed and care for them.  
**COMMON POULTRY DISEASES.**  
**PRATT'S DISINFECTANT.**

## PRATT'S BUTTERMILK BABY CHICK FOOD

"JUST WATCH THEM GROW"

"For Chicks 2 Days Old to 2 Weeks"

It is essential to the nourishment of chicks that they be fed with food that can be thoroughly and easily digested. Baby Chick Food is balanced to suit the needs of chicks from the day they emerge from their shells. It will raise more chicks than any other food.

Price—5-lb. bag, 25c, postpaid, 44c; 10-lb. bag, 45c, postpaid, 74c. By express or freight, 25 lbs., \$1.00; 50 lbs., \$1.80; 100 lbs., \$3.75.



## PRATT'S BUTTERMILK GROWING MASH

"For Chicks 2 Weeks Old to 4 Weeks"

An ideal food for growing youngsters. The bone, muscle and feather builder—contains the proper ingredients to make bone, muscle, and good red blood.

25 lbs., 80c; 100 lbs., \$3.00—F. O. B. Helena.

## PRATT'S BUTTERMILK LAYING MASH

This remarkable mash is the standard by which others are judged. Not alone theoretically right, but proven by practical test to be the greatest "egg producer" ever made. There is a good reason for every ingredient in this splendid mash.

Pratt's Buttermilk Laying Mash produces more eggs at less cost per dozen and gives greatest profits.

25 lbs., 80c; 100 lbs., \$3.00—F. O. B. Helena.

B-K—SEE PRATT'S S-H

NOTICE—On 25 lbs. or over if wanted by mail add postage.

**RED MITES**—Use Red Mite Special.

**PRATT'S S-H SOLUTION**

**HAND SPRAYERS**—For Pratt's Disinfectant, etc.

## PRATT'S CALF MEAL

IT MAKES THEM GROW—SAVES MILK SAVES MONEY

No dairyman will dispute the value of skim milk as a feed for calves, but in separating the milk you take out some most vital elements that nature intended the calf should have. The milk is robbed of life and health-giving vitamins that are very necessary to the healthful and profitable development of the calf.

Pratt's Calf Meal is a scientific preparation that supplies these necessary food properties at a very reasonable cost, enabling you to sell your milk or cream and still have vigorous, rapidly-maturing calves that later make profitable producers. It supplies bone, muscle and tissue-building elements.

It is mighty important for the calf raiser to develop his calves just as economically as possible. Every dollar saved in raising them is a dollar earned. Therefore, you will readily see that it pays to feed Pratt's Calf Meal because you can use it at less than half the cost of using milk. Pratt's is a milk substitute of highest quality, which calf-raisers have used for years. It raises real calves at a real money saving.

If used according to directions, Pratt's Buttermilk Calf Meal will be found to be the best milk substitute you can procure for your calves. Feeding directions in every sack.

25 lbs., \$1.15; 100 lbs., \$4.20—F. O. B. Helena.

## PRATT'S CHICK SCRATCH FEED

"For Chicks 4 Weeks Old to 6 Weeks"

Pronounced by authorities everywhere to be the finest, cleanest, purest, most economical and highest quality chick scratch ever offered to the public.

25 lbs., 70c; 100 lbs., \$2.50—F. O. B. Helena.

PRICES ON POULTRY FEED—SUBJECT TO CHANGE



# Conkey's Y-O

**Dry Powder Form of Yeast with Cod Liver Oil**  
(Rich in Vitamins A, B and D)

There is nothing finer than Conkey's Y-O to mix in with poultry mashes. Its use at every stage of growth is urged because of the great benefit. 1% in baby chick mashes serves as a prevention of leg weakness. Absolutely indispensable in raising chicks in backward season with little or no sunshine, as it is rich in Vitamins A and D (the "sunlight vitamins"). In addition, the B vitamin in Y-O insures complete, rapid development, giving birds capacity and stamina for future production. Wonderful for growing stock. Absolutely necessary for continued heavy egg production as it replaces the vitamins used up in forming rich egg yolks. Hens won't break down as layers if given 2%-3% of Y-O with mash feed. For breeding stock it's wonderful, as it improves quality of the eggs, fertility and hatchability. Stop low hatches and high chick mortality by mixing Y-O with the mash feed.

## NEW LOW PRICES

Due to the increasing volume of Y-O business and economy in manufacturing you get this saving.

Price—1 lb., 55c, postpaid, 66c; 2 lbs., \$1.00, postpaid, \$1.13; 5 lbs., \$1.85, postpaid, \$2.05.

By express or freight, 25 lbs., \$7.50; 50 lbs., \$14.00; 100 lbs., \$22.50.

## LEE'S GERMOZONE

A tonic; a bowel regulator; a system builder. The best preventive and cure for Roup, Cholera, Bowel Complaint and most poultry diseases. In more general use today than any other poultry remedy. Given twice a week in the drinking water to all fowls. It keeps them in prime condition. No poultryman should be without Germozone. Put up in tablets. Price, 25c, postpaid, 27c; large size, 75c, postpaid, 78c.

## NOPCO COD LIVER OIL

**Famous Poultry Farms and Hatcheries Use and Recommend Nopco Cod Liver Oil**

The antirachitic element is extracted from pure cod liver oil. Then the extracted concentrate is biologically tested and is used to increase the Vitamin D potency of other lots of pure cod liver oil. The resultant products—Nopco X or Nopco XX—are then tested and proved in the laboratory, first on white rats for Vitamins A and D and then on chicks for Vitamin D. Per gal., \$3.60.

## B-K—SEE PRATT'S S-H

REG. U.S. PAT. OFF.  
**CEL-O-GLASS**  
U.S. PATENT 1,580,187

## CEL-O-GLASS INCREASES POULTRY PROFITS

CEL-O-GLASS has all the advantages of glass without any of its disadvantages. CEL-O-GLASS is a strong, durable, highly translucent material made by coating tough wire mesh with a transparent substance that lets through practically as much light as clear glass. Brings the Ultra-Violet rays of the sun indoors. It is unaffected by rain, hail, snow, sun or wind and can be bent or cut to any desired shape and is practically indestructible. Note—New Low Prices.

## LIST OF CEL-O-GLASS USES

Dairy Barns	Back Porches	Cellar Windows
Hog Houses	Front Porches	Garages
Milk Houses	Sleeping Porches	Interior Skylights
Cold Frames	Storm Windows	Turkey Houses
Hot Beds	Storm Doors	Laying Houses
Dog Kennels	Sun-rooms	Brooder Houses

For longest life, install on vertical frames to swing in and to the side or up under the roof when not in use.

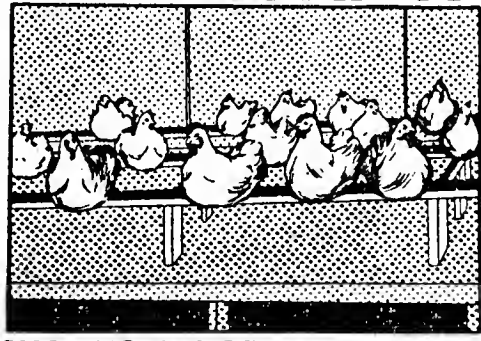
**IMPORTANT—We Sell Only the Genuine CEL-O-GLASS—Beware of Imitations**

# "Black Leaf 40" Kills Poultry Lice

Individual handling of the birds, as is necessary when using powders, ointments, or dips, requires tedious labor and usually interferes with egg production. The "Black Leaf 40" method does away with all handling of the birds and does not interfere with egg production. "IT WORKS WHILE THEY SLEEP."

When chickens perch upon roosts that have been "painted" with "Black Leaf 40" the heat from their bodies causes a slow release of fumes which penetrate the feathers and kill the lice, with no discomfort to the birds. The process goes on during the night, as the birds are sleeping, and furnishes the most desirable form of poultry lice control ever known.

## 'BLACK LEAF 40'



**WORKS WHILE THEY ROOST**

## NEW LOW PRICES

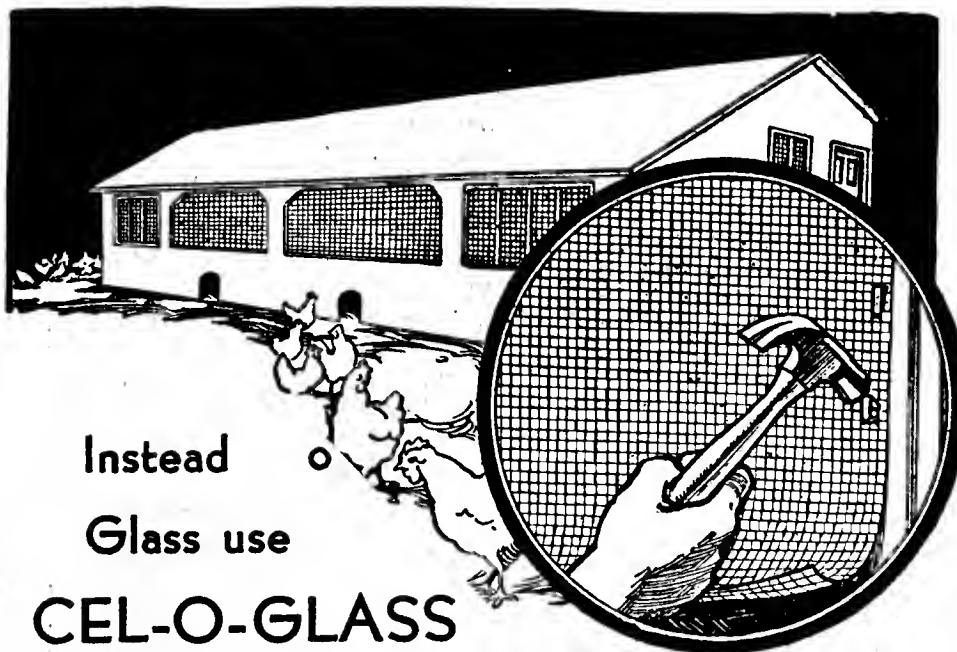
1 oz. — \$ .35, post'd, \$ .40	"paints" 15 ft. of roost
5 oz. — 1.00, post'd, 1.10	"paints" 75 ft. of roost
1 lb. — 2.10, post'd, 2.21	"paints" 200 ft. of roost
2 lbs. — 3.10, post'd, 3.23	"paints" 400 ft. of roost
5 lbs. — 5.85, by exp. ....	"paints" 1000 ft. of roost
10 lbs. — 10.15, by exp. ....	"paints" 2000 ft. of roost

## NEW VIO-RAY WINDOW FABRIC

Commonly Called "Glass Cloth"

Is made with a new coating process which assures longer life, is more flexible than any other similar material, thus preventing cracking. It is weatherproof and does not rot like ordinary cloth window materials. Vio-Ray Window Fabric is branded. Do not accept substitutes.

Per square yard, 26c; 10 yards at 25c; 25-yard rolls at 24c; 50-yard rolls at 23c; 100-yard rolls at 22c, postpaid.



Instead  
Glass use  
**CEL-O-GLASS**

## PRICES OF CEL-O-GLASS

Cut Any Size from One Running Foot Up

28 inches wide in 25, 50, 100-foot rolls at 31½c per running foot.

Smaller quantities at 15c per square foot or 35c per running foot.

36 inches wide in 25, 50, 100-foot rolls at 40½c per running foot.

Smaller quantities, 15c per square foot or 45c per running foot.

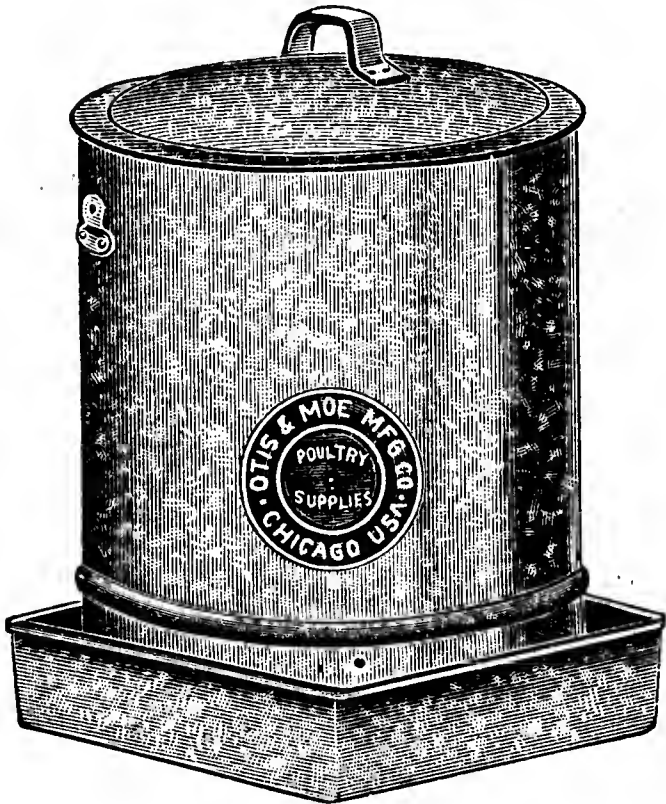
Above Prices Are All Prepaid



# Poultry Supplies---The Moe Line

Is Made of the Best Quality Heavy Galvanized Sheet Steel, Free from Imperfections

## TOP FILL FOUNTAIN



Made of heavy galvanized iron, with double walls, which keep the water cool in Summer, and retards freezing in Winter. Feeds automatically, no valves to get out of order. Fills from the top, thus avoiding spilling. Thoroughly sanitary and is easily cleaned.

Can be hung up out of the litter, and the square pan gives drinking facilities for two pens at the same time.

Fill the fountain in the morning and the chickens have an all day's supply of pure water at just the right temperature.

The best and most popular Fountain on the market.

No. 1—1 gal. size	\$1.50.....	postpaid, \$1.67
No. 2—2 gal. size	2.50.....	postpaid, 2.73
No. 4—4 gal. size	3.00.....	postpaid, 3.30

## BOTTOM FILL FOUNTAIN



This Fountain fills the breeder's requirements for a good, inexpensive article. Made in two pieces, accurately stamped and formed. Easily filled and cleaned. The round taper shape prevents bursting from freezing. Made of best quality galvanized iron in three popular sizes.

No. 19—1 qt.,	25c; postpaid, 35c.
No. 20—½ gal.,	35c; postpaid, 45c.
No. 24—1 gal.,	50c; postpaid, 60c.

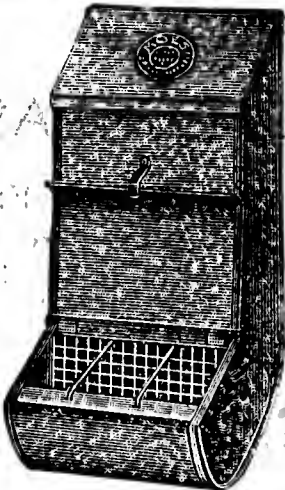
## DRY MASH HOPPER

A Dry Mash Hopper of great merit, made of heavy galvanized iron. The curved bottom keeps the feed within easy reach of the birds, and the taper shape of the Hopper—larger at the bottom—prevents the feed from clogging.

The wire grid prevents the fowls from throwing out or wasting the feed.

The sloping top prevents them from roosting on the Hopper.

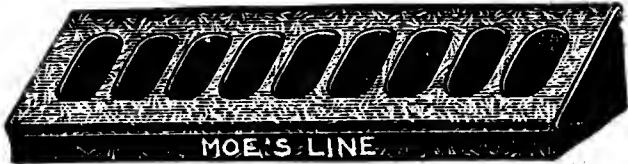
When both covers are closed it is rat, mouse and weather proof.



No.		Postpaid
36—12 in. wide, holds 12 qts.....	\$1.85	\$1.95
13—18 in. wide, holds 22 qts.....	2.20	2.40
37—24 in. wide, holds 32 qts.....	2.80	3.05

## SINGLE FEEDING TROUGH

For Chicks and Growing Stock



No. 56—18 inch.....	35c	Postpaid.....	45c
No. 57—24 inch.....	40c	Postpaid.....	50c

## DOUBLE FEEDING TROUGH

For Chicks and Grown Stock

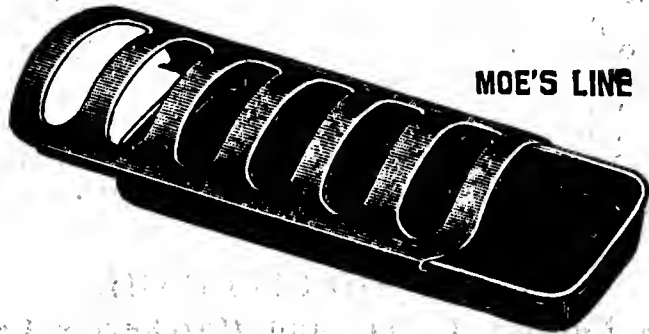


No. 59—18 inch.....	40c	Postpaid.....	50c
No. 60—24 inch.....	50c	Postpaid.....	60c

Made of best quality galvanized iron. No sharp or rough edges to injure the birds. Sliding top. Easily cleaned.

## SANITARY FEEDING TROUGH

FOR FULL GROWN CHICKENS



Suitable for dry feed, wet mash, or water. For grown fowls.

The tops slide off, the pan can be easily cleaned, and filled.

Made of best quality galvanized iron. The edges are all turned over and smoothly finished. No sharp or rough edges to injure the birds.

The feed saved by using troughs will more than pay their cost in a short time. Made in two sizes.

No. 22—18-inch	.....	\$ .50, postpaid, \$ .60
No. 23—24-inch	.....	.60, postpaid, .70

## MOE'S WINTER FOUNTAINS



A simple and reliable Fountain with heater. Made of heavy galvanized iron, easily filled, with nothing about it to get out of order.

The Fountain has a capacity of 5 gallons, and the lamp holds sufficient kerosene to burn continuously for one week.

The Fountain can be removed from the heater and used independently when desired.

Packed one in a box. Shipping weight, 11 lbs. complete.

No. 75, each, \$3.95, postpaid, \$4.25.

PRATT'S

Poultry and Animal Remedies

Poultry Foods

(See Pages 117-118)



## Poultry Supplies ---The Moe Line

Is Made of the Best Quality Heavy Galvanized Sheet Steel, Free from Imperfections

### GRIT AND SHELL BOX



The feeding of grit, ground shells, and charcoal is now recognized as an essential part of the diet, to keep fowls in healthy condition. There is no more economical method of supplying grit, etc., than with these practical inexpensive compartment boxes. No solder used in their construction.

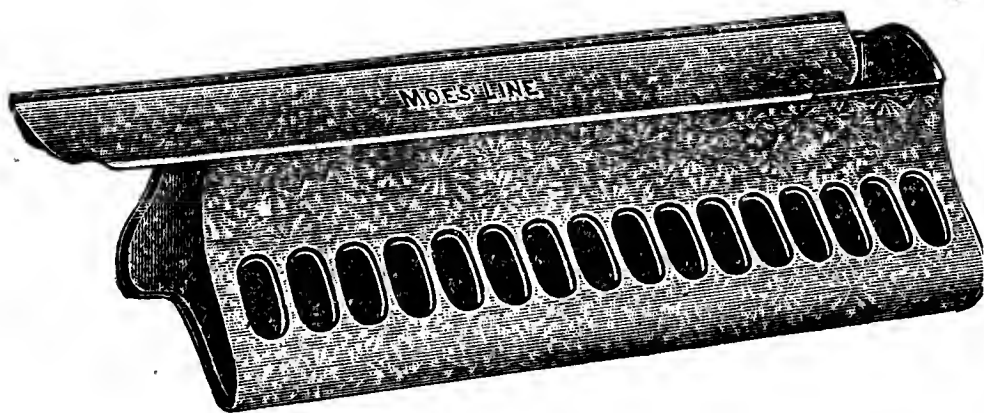
Can also be used as feed hoppers for little chicks.

This self-feeding box can be set on the floor or hung on the walls as desired. The birds can help themselves at all times and the supply is kept clean. Made of heavy galvanized iron in two sizes.

No. 9—3-compartment .....\$ .85, postpaid, \$1.00

No. 90—4-compartment ..... 1.15, postpaid, 1.30

### PEERLESS FEEDER

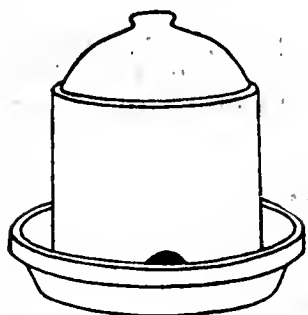


The finest Feeder made to care for both large and small flocks. A wonderful Feeder for young growing stock, and a great time labor saver when chicks are raised in large numbers. Made of heavy galvanized iron with a large capacity.

Sliding top cover, easy to fill and clean, and the birds can not roost on the cover to foul the feed.

Feeder, capacity 10 quarts; 32 openings, 16 on each side, \$1.10, postpaid, \$1.30.

### BUTTERMILK STONE FOUNTAIN



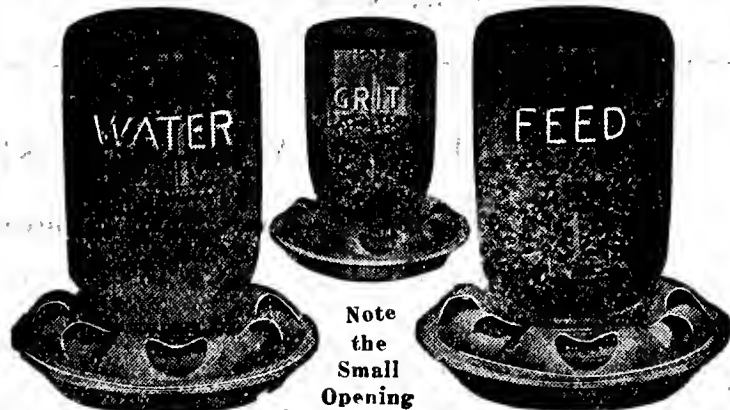
Are not affected by milk acids, makes an absolutely safe and sanitary feeder for buttermilk and sour milk. Made in two pieces. ½-gal., 65c; 1 gal., 90c.

By Express or Freight Only

### AMERICAN FOUNTAIN AND FEEDER

Fits Any Mason Jar—Easy to Clean

BEST FOR BABY CHICKS



The American Fountain and Feeder is easy to fill and very easy to clean; will fit any size Mason jar. Considered the best on the market. They lock by a twist of the wrist.

We sell Fountain and Feeder only, as Mason jars are obtainable anywhere.

1 Feeder, galvanized, 25c, postpaid, 31c.

3 Feeder, galvanized, 60c, postpaid, 71c.

6 Feeder, galvanized, \$1.10, postpaid, \$1.23.

### PEERLESS FEEDING JARS

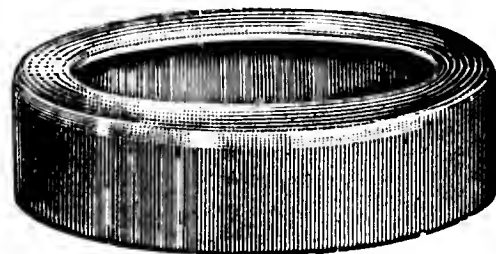
For Rabbits, Dogs, Foxes, Cats, etc.

Are made of fire clay, highly glazed, therefore easily cleaned, and can be kept absolutely sanitary at all times. 7 inches in diameter, heavy and cannot be tipped over. Prices:

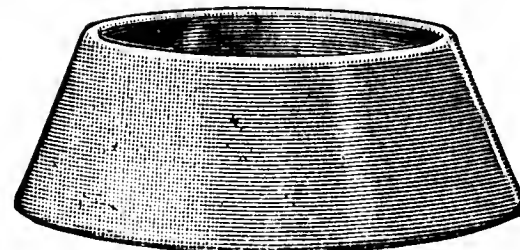
No.

1, 35c, postpaid, 50c

2, 30c, postpaid, 43c



No. 1



No. 2

## CARBOLA

The Disinfecting White Paint

Disinfects and Paints at the Same Time—Saving Labor and Money

A white paint and disinfectant in dry powder form. Use instead of whitewash. Put on with a brush or sprayer. A snow-white cold water paint that will not blister, flake or peel off; 20 times stronger than carbolic acid; not poisonous. For use in chicken coops, dairies, hog pens, creameries, cellars, outbuildings, etc. Carbola can be applied to wood, brick, stone, cement, plaster, board, tar paper, etc. Has a greater fire resistance than asbestos. Several coatings of Carbola will act as an efficient fire retardant.

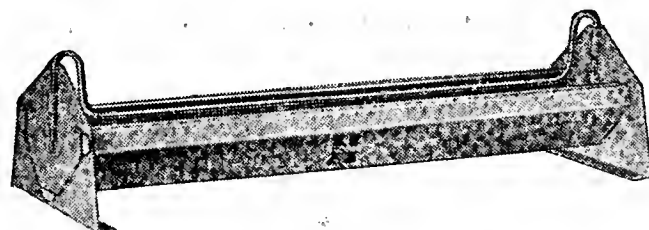
A gallon (a pound of powder) covers 200 square feet.

For use out of doors add a pound of cheap glue dissolved in hot water for every 10 pounds of Carbola.

Carbola is used and endorsed by thousands of poultrymen, dairymen and breeders, and by agricultural colleges and experiment stations. Give Carbola a trial—you never will regret it. Full directions on every package.

	Postpaid	By Exp. or Freight
5 lbs. ( 5 gals.)	\$ .75	\$ .95
10 lbs. (10 gals.)	1.25	1.54
25 lbs. (25 gals.)		\$2.85
50 lbs. (50 gals.)		5.00

### HUDSON CHICK FEED TROUGHS



This Trough is suitable for day-old to six-weeks-old chicks. V-shaped bottom and flanged edge prevent waste, wire top guard is adjustable and prevents chicks from getting into feed trough.

Easily filled and cleaned.

No. OF18—18-inch .....30c, postpaid, 40c

No. OF30—30-inch .....50c, postpaid, 60c

### BROODER AND INCUBATOR THERMOMETERS

#### HYGROMETER

(See Page 122)



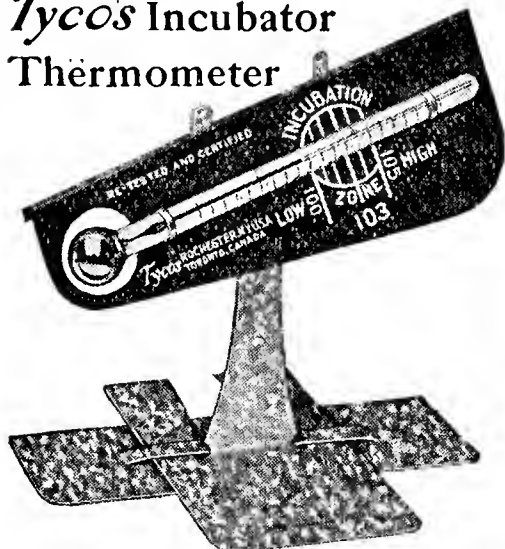
# POULTRY SUPPLIES

## INCUBATOR AND BROODER THERMOMETERS

Many a fine hatch is lost and many a fine brood of chicks killed by using a poor thermometer. Our thermometers are thoroughly tested and accurate, and are guaranteed by the manufacturers.

No. 5783

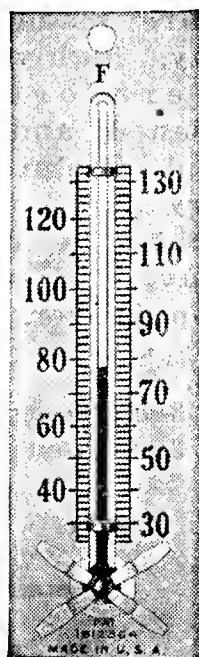
*Tycos* Incubator  
Thermometer



When used with Stand



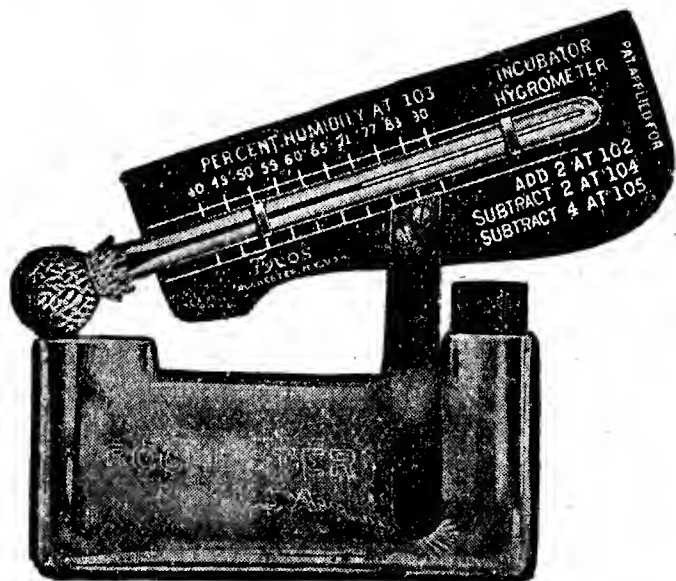
When used without Stand



No. 5794  
Brooder  
Thermometer

No. 5783—Incubator Thermometer, with stand retested and certified.....	\$1.15	Postpaid \$1.25
No. 5776—Incubator Thermometer, with stand .....	.90	.95
No. 5794—Brooder Thermometer Flat, metal fits any brooder .....	.65	.75

## TYCOS INCUBATOR HYGROMETER



The Tycos Incubator Hygrometer determines the relative humidity in the egg-chamber of any and all incubators. A practical and satisfactory device for the purpose. Direct readings are obtained instantly without use of tables or calculations.

Price, \$1.75, postpaid, \$1.85.

Hygrometer Wicks, 20c each, postpaid.

## IMPROVED CHAMPION LEG BANDS



This band is made in one piece and is adjustable to fit any fowl. They will stay where you put them. Held by double lock, it is impossible for them to lose off. Made of Aluminum. Price numbered only.

		Postpaid
1- 12 .....	15c	17c
1- 25 .....	25c	28c
1- 50 .....	40c	42c
1-100 .....	70c	74c

Special numbers to suit, 25c per 100 extra.

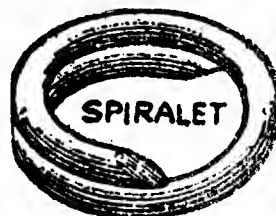
## VICTOR LEG BANDS

Made of aluminum, adjustable with large black numbers on blue or red background. A band that is easily attached and when once on will stay on until removed. Color—Blue or Red.



	Price	Postpaid
1- 12 .....	\$ .50	\$ .53
1- 25 .....	.90	.95
1- 50 .....	1.75	1.80
1-100 .....	3.25	3.35

## SPIRAL COLORED LEG BANDS



### Know Your Hens on Sight

For large and small birds and chicks. Mark each bird for its pen. Give each pen a different color. Mark old birds and pullets differently.

Spiral Leg Bands have extra-long lap, making them strong and securing them from coming off. Colors—Red, green, black, white, yellow, dark blue.

Be sure to order by number or specify your breed and color wanted. NOTICE—Put up in lots of 12; 25; 50 and 100, only.

Sizes—No. 5, Pigeons; No. 6, Baby Chicks; No. 7, Bantams; No. 8, Leghorns, Anconas, Campines; No. 11, Rocks, Orpingtons, R. I. Reds, Wyandottes, Minorcas, Houdans; No. 12, Brahmas, Cochins, Cornish, Langshan; No. 14, Turkey Hens, Geese; No. 16, Turkey Toms.

Prices—12 for 15c, postpaid, 17c; 25 for 25c, postpaid, 27c; 50 for 45c, postpaid, 48c; 100 for 75c, postpaid, 80c. State breed of chicken and color wanted.

## PRATT'S BOOKS FREE

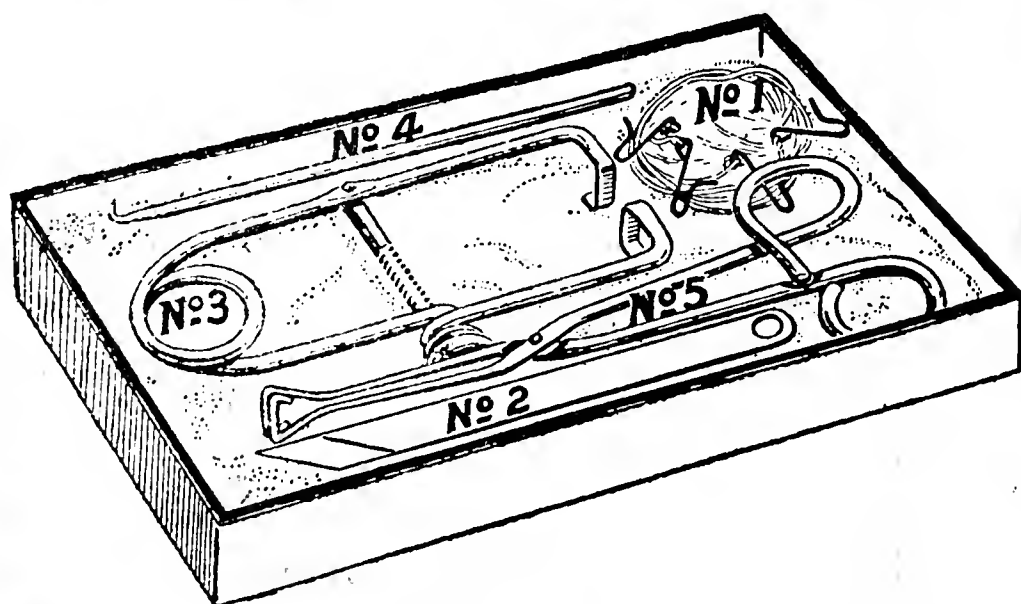
Baby Chicks—Red Mites

Common Poultry Diseases

Pratt's Disinfectant

Pratt's S-H Solution

(See Pratt's—Page 118)



## DR. STANLEY'S CAPONIZING SET

Consists of the Following Instruments

1. Cords for quickly securing fowl to table.
2. Knife for making incisions.
3. Improved spring spreader for holding ribs apart.
4. Sharp hook to pick out the film-like skin after incision.
5. Testicle-removing forceps.

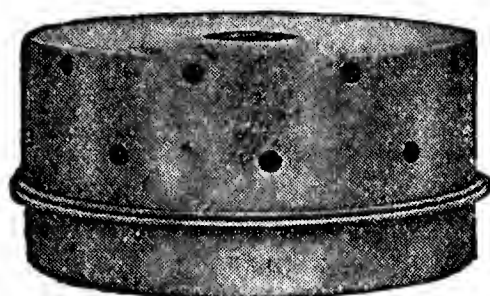
Full directions with every set. Per set, \$2.95, postpaid, \$3.05.



## POULTRY SUPPLIES

### LITTLE PUTNAM STOVE

The Little Putnam Stove is used under the drinking fountains to keep the water from freezing.



The oil tank holds three pints of oil and burns three to four weeks without refilling. The wick never needs trimming. This Stove is absolutely fireproof and non-explosive.

It is absolutely essential that a constant supply of unfrozen water be accessible to the fowls at all times to keep them at the top notch of health and productivity.

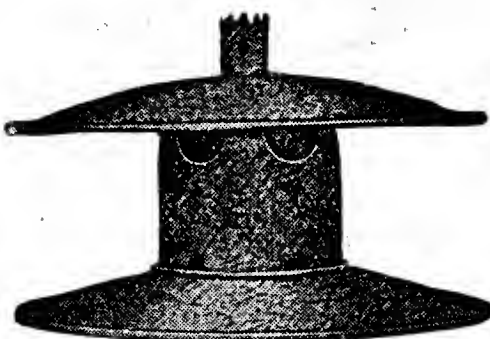
This Stove really costs nothing because the increased production of eggs during the first month's use will pay for the Stove. Full directions, etc., with every Stove.

Price, \$1.90, postpaid, \$2.00.

Price of parts of Putnam Stove: Wick holder, 10c each; wicks, 20c dozen; tank, \$1.00; burner, 60c; top, 60c, postpaid.

### PUTNAM BROODER-HEATER

This Heater is so constructed that it carries the foul air out and draws the fresh air in, thus providing perfect ventilation. Heat is radiated onto the backs of chicks, giving the natural effect of the hen, without the lice. Every Brooder Heater is accompanied by directions for building the home-made Brooder. At no price, high or low, can a Brooder be bought so economical and easy to operate. Consumes less than a gallon of oil a month. This fire-safe Putnam Brooder-Heater requires tending only once a week and can be relied upon to deliver a regular supply of heat.



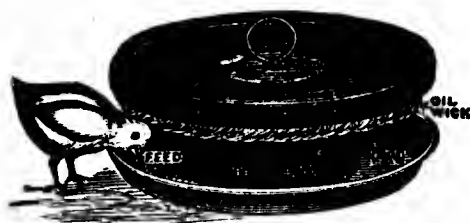
This Brooder will accommodate from 30 to 50 chicks.

Brooder-Heater price, \$4.65 complete, postpaid, \$4.75.

Price of parts of Putnam Brooder-Heater: Top, \$2.50; tank, \$1.50; burner, \$1.25; wick holder, 20c; wicks, 40c per dozen, postpaid.

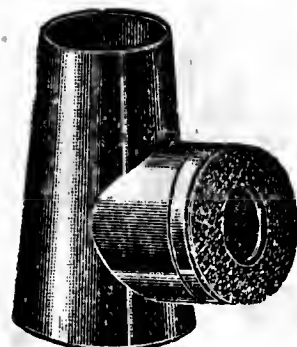
### AUTOMATIC CHICK GREASER

Every Chick His Own Doctor



It is the large lice which collect on the heads of young chickens which cause them to droop and die. Formerly, the only way to get rid of these lice was to catch each chick and rub grease on its head, but this slow and tedious process is not necessary since the invention of the Automatic Chick Greaser.

The wick around the upper part of the Greaser is saturated with oil (a mixture of two-thirds lard and one-third kerosene or black oil) and every chick which eats out of the pan will get its head thoroughly greased in a very few minutes. This apparatus saves much time and trouble and adds considerable to the profits. Price, \$1.50, postpaid, \$1.60.



### EGG TESTER

To test the fertility of eggs during the period of incubation. Used with an ordinary lamp in a dark room.

It will illuminate the interior of the egg and show if the chick is alive, and also show the size of air cell in the egg.

Price, 25c, postpaid, 35c.

### ROGERS' POULTRY PUNCH

**ROGERS'**  
Poultry Punch



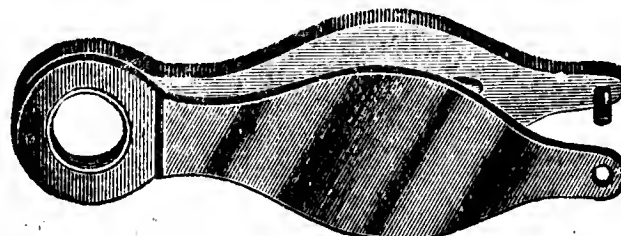
*The Money-Back Punch*

Rogers' Money-Back Poultry Punch has proved to be the ideal punch for the fancier. It is without doubt the handiest, neatest and most convenient punch on the market. It punches the hole right—just the right size, and in the right place. Handle never in the way. Used by thousands of poultrymen.

It is strongly made and is absolutely guaranteed to give satisfaction or your money refunded.

Price, 40c, postpaid, 42c.

### S. N. & S. CO'S. POULTRY PUNCH



One of the most convenient Punches made. It is small and easy to operate, cutting a clean hole every time. Nickel plated.

Price, 25c, postpaid, 27c.

### CHINA NEST EGGS



They induce the hen to lay where she should. With these there is no danger of getting stale eggs mixed with the fresh ones, or the hens acquiring the habit of egg eating. They are extra heavy and will not easily break.

6 for 20c, postpaid, 29c; 12 for 35c, postpaid, 46c.

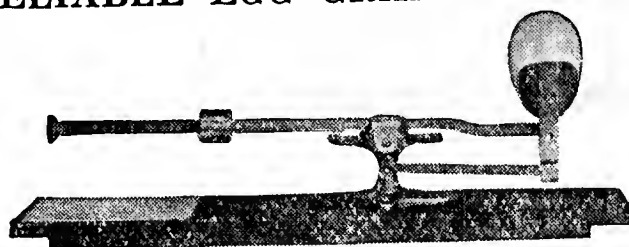
### LIME NEST EGGS

Strong—Durable—Cheap

The Lime Nest Egg has been used by poultry raisers for many years to aid in keeping the nests in a clean and healthy condition. This egg has a smooth appearance; color, size and shape are almost an exact duplicate of a real chicken egg; will not break. 6 for 30c, postpaid, 39c; 12 for 50c, postpaid, 61c.



### RELIABLE EGG GRADING SCALE



Reliable Egg Grading Scale is less expensive than the Mascot. The beam is graduated and embossed with large size figures that are easy to read, covering all grades from 16% to 32% per dozen. The scale is mounted on a wooden base made to fit across the top of an open egg case. Price, \$1.90, postpaid, \$2.00.

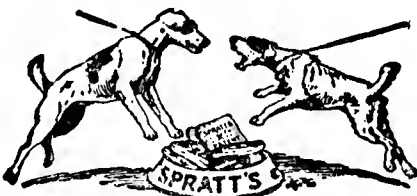
Parcel Post charges where named are for shipment up to and including the third zone; for other zones, please add additional postage.



# Spratt's Dog Food and Remedies

SPRATT'S DOG FOOD

THEY  
FIGHT



FOR  
SPRATT'S

## SPRATT'S OVALS



Their name suggests their shape—about an inch long, and a quarter thick. They are really our Dog Cakes in another form, compounded with other health-giving foods, making them esteemed both from the nutrition and utility points of view. Though small, they are essentially nourishing, and while furnishing the staple food, are excellent for all breeds.

1 lb., 20c, postpaid, 30c; 5 lbs., 90c, postpaid, \$1.04; 10 lbs., \$1.75, postpaid, \$2.04; by express or freight, 25-lb. box, \$3.60; 100-lb. sack, \$13.25.

## SPRATT'S DOG REMEDIES

Spratt's Special Tablets for Distemper.....	Postpaid \$1.00
Spratt's Worm Capsules for Puppies.....	.60
Spratt's Worm Capsules for Old Dogs.....	.60
Spratt's Flea or Lice Powder, 14-oz. pkg.....	.40
Spratt's Tonic and Condition Tablets.....	.60

## SPRATT'S DOG FOODS AND REMEDIES

Are the oldest and best known foods for dogs. Spratt's Ovals provide a complete food; nothing else is necessary. We especially warn against feeding potatoes, white bread, corn meal and an excess of meat. We will furnish free the following booklets:

- SPRATT'S Hints on the Care and Feeding of Dogs.
- SPRATT'S Hints on Rearing Puppies.
- SPRATT'S Tips on Dog Feeding.

## SPRATT'S FIBO

A nourishing and appetizing food containing Wheatmeals, Meat-Fibrine and pure yolk of egg. It is the ideal food for puppies from the time of weaning, and particularly suitable for shy and dainty feeders. It is a valuable frame, coat and flesh forming food and should be fed where a particularly nourishing food is essential. Fibo makes an ideal change in diet for all breeds. Cats like it, too.

1 lb., 20c, postpaid, 30c; 5 lbs., 90c, postpaid, \$1.04; 10 lbs., \$1.75, postpaid, \$2.04; by express or freight, 25-lb. box, \$4.00; 100-lb. sack, \$15.00.



## PULVEX DOG SOAP

That Fine English



Will not only free a dog of all its fleas and lice but grooms as it cleans. This soap contains the active flea-killing agent that positively destroys all animal parasites found on the animal. In addition, it contains oils having a highly beneficial effect on the hide of a dog and giving the hair an attractive gloss and sheen. Pulvex Dog Soap comes in a beautifully enameled, hinged metal container.

Absolutely the best Dog Soap on the market.

Cake (in metal container), 50c, postpaid, 56c.

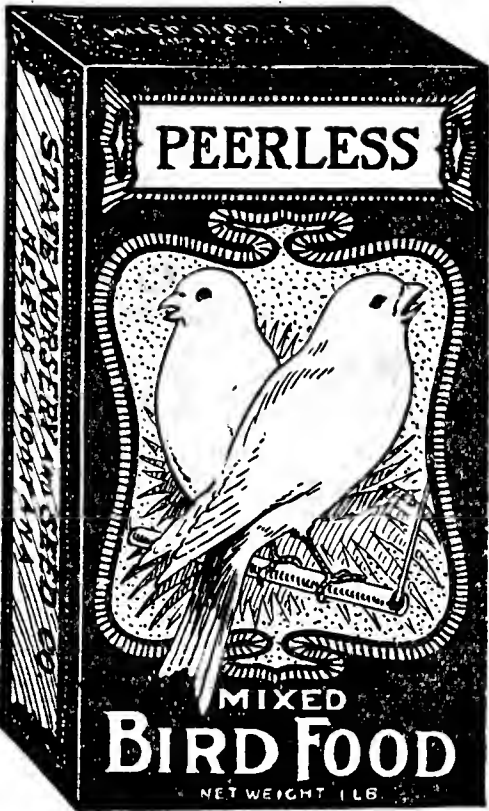
# Bird Seed and Remedies

## S. N. & S. CO'S. PEERLESS BIRD SEED MIXTURE

Has become famous for its superior quality. We use nothing but the freshest high grade seed free from mustiness and dust. These seeds are particularly relished by canary birds, etc. This mixture will keep the birds in song and in good health. Put up in 1-lb. lithographed cartons.

	Postpaid	By Express or Freight	At purchaser's expense
	1 lb.	2 lbs.	5 lbs. 10 lbs. 25 lbs.
BIRD SEED MIXTURE .....	30c	52c	\$ .85 \$1.50 \$3.50
CANARY—Best Sicily .....	25c	45c	.85 1.50 3.50
HEMP—Best Grade .....	25c	35c	.75 1.20 2.50
BIRD RAPE—Domestic .....	25c	45c	.85 1.50 3.50
BIRD RAPE—German .....	30c	52c	1.00 1.75 4.00
MILLET—For Birds .....	20c	33c	.50 .85 .....
LETTUCE SEED—For Birds .....	20c	33c	.50 .....
SUNFLOWER—For Parrots .....	26c	43c	.65 1.20 .....
PARRAKEET and LOVEBIRD MIXTURE .....	40c	73c	1.35 .....
BIRD SAND OR GRAVEL—2 lbs., 15c, postpaid, 28c.			

CUTTLE FISH BONE—Good for digestion and general health. Large piece, 5c; ¼-lb., 20c; 1 lb., 65c, postpaid.



## SPRATT'S BIRD FOOD



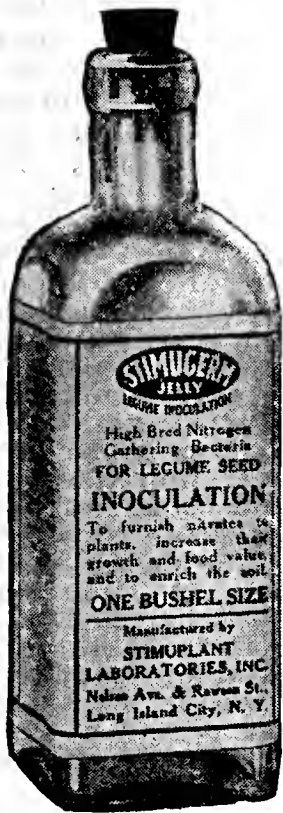
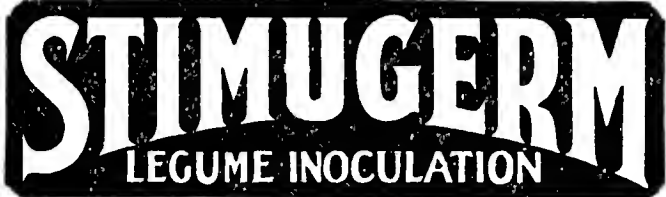
SPRATT'S NESTLING FOOD—Pkg.....	Postpaid 35c	44c
SPRATT'S MOULTING FOOD—Pkg.....	35c	44c
SPRATT'S BIRD TONIC—Pkg.....	15c	21c
AND BLOWER .....	30c	35c
SPRATT'S SONG RESTORER—Pkg.....	30c	39c
For Canaries; revives the desire to be lively and sing more lustily.		
SPRATT'S SING SONG OR MANNA—Pkg.....	15c	18c
SPRATT'S NESTING HAIR .....	15c	17c





SEED INOCULATION

ALWAYS INOCULATE LEGUME SEEDS WITH



100% Pure  
Jelly Culture

The Best Inoculation for All  
Legume Seeds

MEANS BETTER CROPS  
BETTER SOILS

LESS FERTILIZER EXPENSE

STIMUGERM is a culture of bac-  
teria especially selected and bred  
for maximum vitality and ability  
to form nodules and take nitrogen  
from the air. We believe in inocu-  
lation and we recommend STIMU-  
GERM as the most dependable in-  
oculant offered for sale. We urge  
that all legume seeds purchased  
from us be inoculated with STIMU-  
UGERM before planting. EVERY  
PACKAGE IS DATED and guaran-  
teed for one year.

A Sensible Insurance and a  
Profitable Investment

We favor the pure jelly medium  
special garden size for peas, beans  
and sweet peas—25c. Will treat up  
to 10 lbs. of seed.

By using STIMUGERM you will insure large, luscious  
peas and beans, and sweet pea blossoms of wonderful  
coloring.

NOTICE—Bottles are about one-third full, permitting  
supply of air for bacteria.

IMPORTANT

Always State Kind of Seed to Be Inoculated

(One bushel size contains sufficient bac-  
teria to inoculate one bushel of seed.)

NEW LOW PRICES

For Sweet Clover, Alfalfa, Common Clovers

¼-bu. size	.....	\$ .30
½-bu. size	.....	.50
1-bu. size	.....	.90
2½-bu. size	.....	2.25

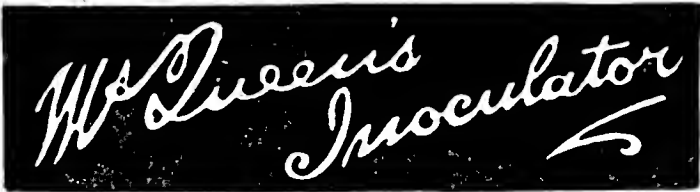
For Vetch, Peas, Beans, etc.

½-bu. size	.....	\$ .35
1-bu. size	.....	.60
2-bu. size	.....	1.00
5-bu. size	.....	2.25

Special for Soybeans and Cowpeas

1-bu. size	.....	\$ .40
2-bu. size	.....	.70
5-bu. size	.....	1.50

EVERY  
FARM  
NEEDS



EVERY  
GARDEN  
NEEDS

Alfalfa, Clovers, Soybeans, Lespedeza, Vetch, Peas, Beans — Legumes of all kinds—grow better,  
yield higher, and build up soil quickly, if inoculated with McQueen's Inoculator. You can do this  
at a cost of only a few cents per acre. McQueen's Inoculator is a high grade product used by  
farmers throughout the world for almost a quarter of a century. It is the "Farmers' Favorite."  
Guaranteed to produce nodules or your money refunded. We recommend McQueen's and have it  
in stock for immediate shipment. Inoculate all your legume seed with McQueen's Inoculator.

NEW 1933 ECONOMY PRICES

GARDEN

Size for Peas, Beans,

Sweet Peas.  
For 5 lbs. seed **15c**



For SWEET CLOVER,  
ALFALFA, COMMON  
CLOVERS (State Kind)

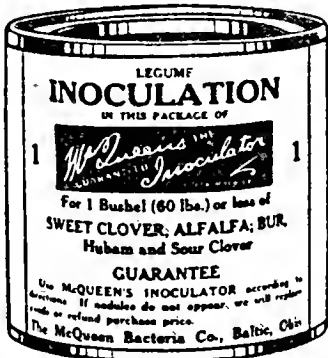
Size	Inoculates	Price
½ Bu.	30 lbs.	\$ .35
1 "	60 "	.50
2½ "	150 "	1.00
5 "	300 "	1.50

IMPORTANT: Always state  
seed to be Inoculated

For SOY BEANS, COW  
PEAS, AUSTRIAN WIN-  
TER PEAS

Lespedeza, Field and Gar-  
den Beans, Field and  
Garden Peas, Vetch  
(State Kind)

Size	Inoculates	Price
1 Bu.	50 lbs.	\$ .35
2 "	120 "	.50
5 "	300 "	1.00
10 "	600 "	1.50



Fertilspray Concentrated Fertilizer

Easily and Evenly Applied with the Garden Hose

A very highly water soluble concentrated FERTILIZER and PLANT  
FOOD, especially prepared for Lawns, Flowers, Shrubbery and Gardens.

Supplies NITROGEN, PHOSPHORUS, POTASH and other necessary  
plant food elements.

Promotes healthy growth and rich color to foliage.

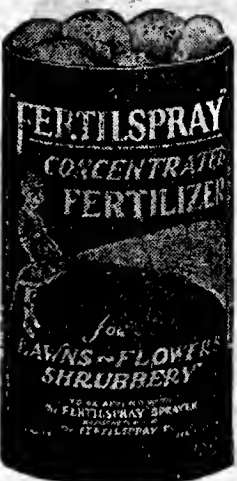
Contains no germs, odor, or weed seeds.

Cost is only \$1.50 per carton covering 1,000 square feet and containing  
more actual plant food than is in bulky fertilizers costing more.

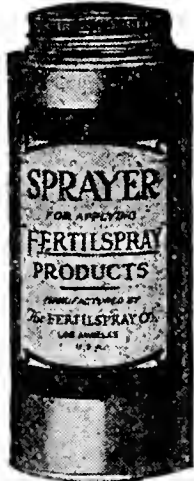
Why tolerate offensive odors, dirt, germs and unsightliness, as well  
as invite soil pests and flies, with growth of weeds and objectionable  
grasses?

You Must Water—You Must Fertilize—Do Both at Once

CARTON AND SPRAYER, \$2.00, POSTPAID, \$2.15



Fertilspray  
Sprayer  
50c  
Postpaid 58c



Per Carton  
\$1.50  
Postpaid \$1.65



## SEED DISINFECTANTS

Increase Farm Products by Lowering Production Costs

**Ceresan for  
Seed Grains**

Lower your grain production costs per acre—enlarge your profits—by increasing your yield with Ceresan. Treat all seed grain with Ceresan to prevent stinking smut and seed-borne flag smut of wheat; seedling blight of cereals caused by seed-borne scab; smuts of oats; covered smut and stripe of barley; kernel smuts of sorghums and millets; seed-borne stem smut of rye. Typical of increased yields are those recorded by the Illinois Experiment Station. Ceresan increased oat yields on an average 12.1 bushels per acre over untreated seed, wheat yields an average of 9 bushels per acre over untreated seed. Ceresan is harmless to seed and does not injure grain drills. Only 2 ounces needed per bushel of seed wheat, rye, sorghums, or millets and 3 ounces for oats and barley.

**Semesan Jr. for Field and Sweet Corn**

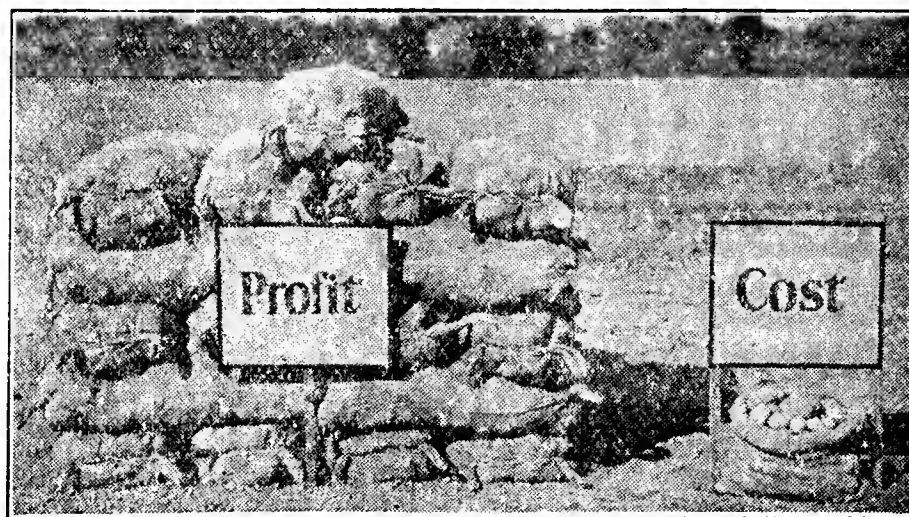
Three bushels more corn can reasonably be expected by any farmer who treats seed corn before planting, Illinois Experiment Station tests show. Field or sweet seed corn dusted with Semesan Jr. is protected from the destructive root rots carried by the seed and from rotting in cold, wet soil, consequently better germination and yields of improved quality are obtained. Treatment with Semesan Jr. costs less than 3c per acre. Easily and quickly applied as a dust at the rate of 2 ounces per bushel of seed.

**NEW IMPROVED CERESAN FOR WHEAT  
ONLY—(See Page 112)****FREE BOOKLETS  
On All Dubay Products****Ceresan**

1-lb. tin	\$ .75
5-lb. tin	3.00
25-lb. pail	12.50

**Semesan Jr.**

4-oz. tin	\$ .40
1-lb. tin	1.50
5-lb. tin	7.00



Only 0.4 of a bushel of the average yield increase of 35.4 bushels reported above was required to pay for the IMPROVED Semesan Bel, leaving a return on money invested of 9830%

quickly applied. Just mix one pound of Improved Semesan Bel with 7½ gallons of water, dip your seed potatoes, drain, and plant. One pound of New Improved Semesan Bel treats 60-80 bushels of seed potatoes.

**Semesan for Vegetable and Flower Seeds**

Prevent the many damaging diseases of flowers and vegetables that are carried on the seed, by disinfection of the seed with Semesan. It destroys the destructive diseases on the seed and protects them from the rots in the soil, which results in increased stands of more vigorous, healthy plants that yield larger, quality crops. Sprinkling of the seedling beds with Semesan solution effectively prevents damping-off. Recommended especially for seeds, bulbs, gladiolus corms, dahlia tubers, and rose bushes. Easily applied as a liquid or dust. One ounce treats 15 to 30 pounds of seed. Directions in every can.

**Seed Disinfectants****Instructions How to Use  
Ask for Them****Semesan Bel**

4-oz. tin	\$ .50
1-lb. tin	1.75
5-lb. tin	8.00
25-lb. pail	31.25

**Semesan**

2-oz. tin	\$ .50
1-lb. tin	2.75
5-lb. tin	13.00

NOTICE—Sold Only in Sizes Stated Above—If Wanted by Mail Add Postage

TREAT ALL SEEDS BEFORE PLANTING WITH DUBAY DISINFECTANTS

**ATLACIDE NON-POISONOUS WEED KILLER  
AND DUSTER**

Atlacide Non-Poisonous Weed Killer and Duster exterminates all undesirable vegetation, including Poison Ivy, Canada Thistle, Johnson Grass, etc., without danger of poisoning humans or animals. Simply shake powder from can on the weeds and grasses to be killed. Especially recommended for driveways, paths, tennis courts, gutters, etc.

1-lb. Duster ..... 50c each, postpaid, 60c  
(Kills 100 sq. ft. of weeds)

**Bulk Sizes for Refilling Duster or for  
Making Solution**

50-lb. Drum	18c per lb.
(Kills 5,000 sq. ft. of weeds)	
100-lb. Drum	17c per lb.
(Kills 10,000 sq. ft. of weeds)	
200-lb. Drum	16c per lb.
(Kills 20,000 sq. ft. of weeds)	

**DR. WILSON'S DUST AND SPRAY MASK**

Don't breathe poisonous and irritating dust and spray. Dr. Wilson's Dust and Spray Mask gives protection to the throat and lungs and does away with the annoyance to the dusting and spraying operations. Whenever you have to work with dust or sprays wear this efficient health protector. Highly recommended. Price, \$2.25, postpaid. Extra filters, 10 for 25c, postpaid. See cut.



INSECTICIDES AND FUNGICIDES  
(See Pages 127-128)

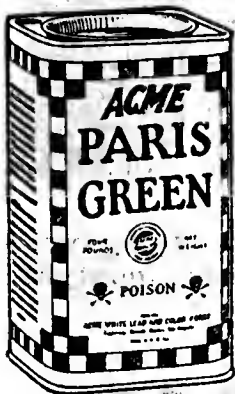


# SPRAYING

# ACME

# MATERIALS

## ACME PARIS GREEN



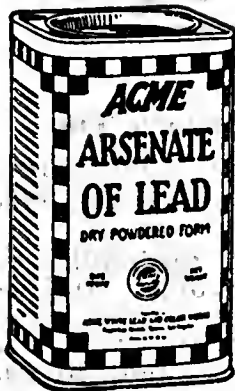
A rich emerald color and of fine fluffy physical character. Containing 55% arsenious oxide, it will give quickest control where extreme measures are necessary.

For use on: Potatoes, use 3 teaspoonfuls to gallon of water or 1 lb. to 50 gallons for potato bugs; also to mix with arsenate of lead for fruit tree spraying where quick results are necessary.

Prices— $\frac{1}{4}$ -lb., 20c, postpaid, 26c; 1 lb., 50c, postpaid, 61c. By express or freight, 5 lbs., \$2.25; 14 lbs., \$5.25.

Ask for Price on Larger Quantities

## ACME ARSENATE OF LEAD



The most favored arsenical insecticide found on the American market. It is safest to use on tender foliage and sticks well on the leaves. Recommended for fruit trees, vegetables, bushes (3 teaspoonfuls to gallon of water). Can be used as dust or spray.

Prices— $\frac{1}{2}$ -lb., 20c, postpaid, 29c; 1 lb., 35c, postpaid, 46c; 4 lbs., 85c, postpaid, \$1.02.

Ask for Price on Larger Quantities

## ACME GARDEN GUARD

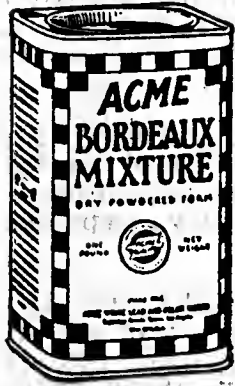


A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss.

For us on: Cabbage, cauliflower, tomato plants, melon vines, currants and gooseberries and other vegetables, and flowers and shrubs of many kinds.

Prices—1-lb. sifter carton, 30c, postpaid, 41c; 5 lbs., 80c, postpaid, 99c.

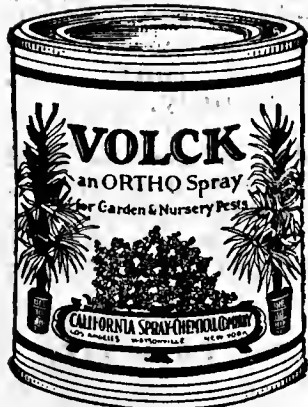
## ACME BORDEAUX MIXTURE



Prevents blight, rot, mildew, scab, anthracnose and certain other fungus diseases. Almost every kind of vegetable, fruit and shrub can be greatly improved by the early use of Bordeaux Mixture. Use 8 level tablespoonfuls to gallon of water; 5 lbs. to 50 gallons of water.

Prices—1 lb., 35c, postpaid, 46c; 4 lbs., 85c, postpaid, \$1.02.

Ask for Price on Larger Quantities



**VOLCK**—A powerful Insecticide for nursery, greenhouse and garden. Volck gives results because it successfully controls scale, mealy bug, white fly, red spider and mites, aphids, caterpillars and rose mildew, and all leaf-eating insects on fruit trees and all kinds of nursery stock, etc.

$\frac{1}{2}$ -pint .....\$ .50, postpaid, \$ .60  
Pint ..... .75, postpaid, .86  
Quart ..... 1.00, postpaid, 1.17  
Gallon ..... 3.00, postpaid, 3.29

## ANT KILLER

**A VERY EFFECTIVE AND MUCH NEEDED PRODUCT FOR USE EVERYWHERE**

Sprinkle a small quantity of the Key Brand Ant Killer around the ant holes. The ants carry the preparation into their holes, where they eat it and die. A very small quantity will quickly kill off the entire colony.

Can be used on lawns, golf courses, etc., where the ant holes are not visible. Full directions on every container.

Packed only in individual Improved Containers. Price, 50c, postpaid, 60c; \$5.50 per dozen by express.

## ACME ALL ROUND SPRAY

Flowers, vines, shrubs, roses, vegetables, need protection. All Round Spray contains the three leading remedies used by all large growers: Arsenate of Lead, Nicotine Sulphate and Bordeaux Mixture.

Perfect protection for the small user is assured by complete directions in spraying guide attached to every package.

Prices— $\frac{1}{4}$ -lb., 40c, postpaid, 50c; 1 lb., 90c, postpaid, \$1.00.

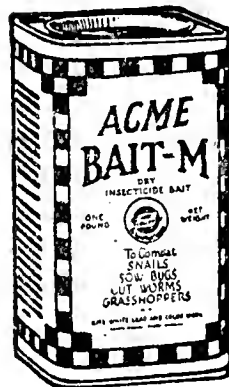


## ACME BAIT-M (Will Kill Cut Worms)

An effective insecticide bait which will throw a ring of protection around shrubs, flowers and plants in garden and lawn.

For use against snails, cut worms, sow bugs, grasshoppers and many other insects which migrate along the ground.

Prices—1 lb., 40c, postpaid, 51c; 3 lbs., 75c, postpaid, 90c.



## ACME SPRAY SOAP

A (fish oil) soap effective in destroying many sucking insects and lice on plants, trees, ferns, etc. Also used extensively with cylinder oils in making oil emulsions to reduce the surface tension.

In use with Nicotine greatly increases the value of that spray.

Prices—1 lb., 35c, postpaid, 46c; 5 lbs., \$1.45, postpaid, \$1.64.



## ACME ANT-KILL

Rid your home and premises of the embarrassing and health-injuring ant nuisance. Kill the ants in the nest.

Ant-Kill Syrup is sold in connection with safe patented service cups which gives protection to birds, chickens, pets and children, yet readily accessible to ants who carry the syrup back to the nest. Attractive to Argentine and sweet-eating ants.

1—3-ounce bottle of Acme Ant-Kill Syrup and 5 containers complete, 75c, postpaid.

Extra containers, 10c, postpaid.

Acme Ant-Kill Syrup, 3-oz. bottle, 35c, postpaid.



## ACME LIME SULPHUR

A standard 33° Baume lime and sulphur converted into a dry powder but having all the effectiveness of the liquid product when dissolved in water.

For use in dormant spraying against scale, peach blight, leaf curl and twig borer. Summer spraying against scab, soot, blotch, red spider and mite.

Prices—1 lb., 35c, postpaid, 45c; 5 lbs., \$1.50, postpaid, \$1.69.

## ACME SPRAYING GUIDE

Completion of  
Acme White Lead and Color Works  
Detroit, Michigan

WHEN AND WHAT TO SPRAY

Write for this Fine Guide Free

GROUP	INSECT OR DISEASE	SPRAY DATE
1	Scale	
2	Leaf Curl	
3	Twig Borer	
4	Scab	
5	Soot	
6	Blotch	
7	Red Spider	
8	Mite	

WRITE FOR FREE SPRAYING GUIDE



## INSECTICIDES AND FUNGICIDES FOR INSECT PESTS AND FUNGUS GROWTHS

### Spray

### "Black Leaf 40"

40% NICOTINE

It destroys Aphis (plant lice), Thrips, Leaf-hoppers on all tree, bush and vine fruits, vegetables, field crops, flowers and shrubs, and all sucking insects. May be combined with other sprays. As a Livestock Dip it is absolutely the best and is recommended by the Livestock Sanitary Board of Montana as being practically the only dip that will kill Scab Mites, Lice, Ticks, and Mites.

Full directions on every package.

1 oz. —	\$ .35, postpaid, \$ .40.....	makes 6 gallons
5 oz. —	1.00, postpaid, 1.10....	25 to 75 gallons
1 lb. —	2.10, postpaid, 2.21....	80 to 240 gallons
2 lbs. —	3.10, postpaid, 3.23....	160 to 500 gallons
5 lbs. —	5.85, by express.....	400 to 1250 gallons
10 lbs. —	10.15, by express.....	800 to 2500 gallons

**BUG DEATH**—A highly effective non-poisonous insecticide and fungicide; kills many chewing insects. A safe insecticide to use. Harmless to man, birds, bees or animals. Especially recommended for use on house plants. 10-oz. package, 25c, postpaid, 36c.

### A SUCCESSFUL REMEDY FOR CABBAGE MAGGOT, ETC.



For destroying and preventing maggots, grubs and worms that infest turnips, radishes, beets, rutabagas, cabbage, cauliflower, etc.; also recommended for combating crown borers in strawberries.

½-pint, 50c, postpaid, 60c; pint, 75c, postpaid, 86c; quart, \$1.25, postpaid, \$1.38. Express or freight, gallon, \$2.50.

**COPPERCARB**—(For Spring wheat treatment)—A 20% copper carbonate powder for dusting to prevent smut on wheat, sorghums, oats, etc. More convenient and economical than the wet formaldehyde method. Tested seed germinates much better. Use three ounces (equals 3 heaping tablespoons) Coppercarb to a bushel of grain. It is easy to apply and holds its effectiveness for six weeks. 5 lbs., \$1.25, postpaid, \$1.44.

**CORONA 50% COPPER CARBONATE**—(For winter wheat treatment)—Use 3 ozs. (equals 3 heaping tablespoons) of Corona 50% Copper Carbonate to bushel of grain. 5 lbs., \$1.85, postpaid, \$2.05.

**CUT WORM KILLER**—(See Acme Bait-M)

**DUSTING SULPHUR** — Used in greenhouses for checking mildew. ½-lb., 25c, postpaid, 35c.

### EVERGREEN

KILLS ANTS AND GARDEN INSECTS

PROTECT YOUR GARDEN

A powerful, deadly solution that kills all plant insects, yet absolutely non-poisonous to humans and pets. Will not burn, blight or stain tender foliage. May be used on fruits or vegetables before eating. Economical. 1 oz. makes 6 gallons of spray for Aphis. Kills caterpillars, Mexican bean beetle, cucumber beetle, aphids, leaf hoppers, leaf rollers, cut worms, thrips, white fly, Japanese beetle and many others. Full instructions with every bottle. 1-oz. bottle, 35c, postpaid, 40c; 6-oz. bottle, \$1.00, postpaid, \$1.10; pint, \$2.00, postpaid, \$2.10; 1 quart, \$3.50, postpaid, \$3.65; 1 gallon, \$11.50, by express only.

### GRAPE DUST (Hammond's)

To prevent mildew on roses, gooseberries, flowers, etc. Very effective.

5-lb. package, \$1.50, postpaid, \$1.69; 10-lb. package, \$2.75, postpaid, \$3.00.

### BLACK FLAG

Black Flag Powder kills flies, roaches, ants, bedbugs, moths, fleas, plant lice. Black Flag Powder is not a poison. Full directions on every package. Price—Small size, 15c, postpaid, 21c; medium size, 40c, postpaid, 49c. Use a hand duster for best results. See Page 131.



**GRAFTING WAX**—Superior quality Grafting Wax. ¼-lb., 25c, postpaid, 29c; ½-lb., 40c, postpaid, 49c; 1 lb., 60c, postpaid, 69c.

# FLYOSAN

SAFE INSECTICIDE

**Kills Flies by the Roomful—Mosquitoes, Too**

Just spray Flyosan into the air of a closed room; in five minutes all the flies are dead—mosquitoes, too.

Flyosan is harmless to human life, non-poisonous, non-injurious to fabric or woodwork. Indispensable for use in the home, factory, store, restaurant, bakery, on the farm or any other place. Kills flies, moths, roaches, water bugs, bed bugs, fleas, lice, mosquitoes, ants, and all insects. Directions on every package.

Combination (sprayer and pint can), \$1.10, postpaid, \$1.22.

	Postpaid		Postpaid
Pint .....	\$ .60	½-gal. ....	\$1.85
Quart ....	1.00	1 gal. ....	3.50
	\$ .73		\$2.04
	1.15		3.79

**SLUG SHOT**—(Hammond's)—A non-poisonous remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the garden. Dust or spray. Full directions in every package. 1-lb. perforated box, 30c, postpaid, 41c; 5 lbs., \$1.00, postpaid, \$1.19. By express or freight, 25 lbs., \$4.15.

**TREE TANGLEFOOT**—The best remedy against ants, caterpillars and all tree crawling insects. Will remain sticky for months. 1 lb., 60c, postpaid, 71c; 5 lbs., \$2.75, postpaid, \$2.94.

**TREE PAINT** — Prevents decay. A penetrating paint that is not affected by heat, cold or moisture. Does not peel or crack. Stops tree bleeding. Quart, \$1.20, postpaid, \$1.35. By express, gallon, \$3.00.

**WEED KILLER**—Killing weeds thoroughly by application of this liquid. It is a great labor saver. Use only on paths, drives, gutters and places where no growth is wanted. Apply after rain, while ground is moist, and will absorb the liquid to the roots of grass and weeds. One gallon will make 50 gallons, sufficient to cover 100 square yards of surface. Prices—1 quart, 75c, postpaid, 90c; gal., \$2.25, by express only.

**NAPHTHALENE**—A soil insecticide; prevents and repels all soil pests such as cut worms, slugs, snails, beetles and other insects. Prices—1 lb., 25c, postpaid, 36c; 2 lbs., 40c, postpaid, 53c; 4 lbs., 75c, postpaid, 93c. For larger quantities write for prices.

**PRATT'S S-H GERM KILLER**—(See Page 117)

KILL THE BUGS  
PROTECT YOUR GARDEN



BY SPRAYING



RODENT POISONS "IT KILLS"



**MOUSE SEED.** The most satisfactory mouse exterminator ever sold. A natural treated seed which attracts the mice. They chew out the inside kernels and thirst then drives them out to die. No baits, no traps, no muss. "A saucer and seed is all you need."

Package, 25c, postpaid, 28c; 1-lb. pkg., \$1.50, postpaid, \$1.60.



GOPHER POISON

Kill-Em-Quick

Kills gophers, squirrels, prairie dogs and field mice. Endorsed by the U. S. and Canadian Governments, County Agents, Farmers' Clubs, etc. Is found to be economical and effective. Full directions on every package. Satisfaction guaranteed or money refunded. Ready to mix with your own grain. Package sufficient for 40 acres, 75c, postpaid, 84c; 100 acres, \$1.50, postpaid, \$1.63.

PLANT FOODS AND FERTILIZERS

VIGORO

Complete plant food  
AT LOWER PRICES!

This scientifically balanced plant food furnishes all of the nourishment needed to produce beautiful, healthy lawns, flowers, shrubs and trees, as well as delicious vegetables. It is clean, odorless and economical; 4 pounds feeds 100 square feet of lawn or garden, properly. Use Vigoro on everything you grow this year and have greater gardening success. Complete directions included.

Trial package, 10c, postpaid, 19c; 5 lbs., 50c, postpaid, 69c; 10 lbs., 85c, postpaid, \$1.15. By express or freight, 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.00.

VIGORO SPREADERS—(See Page 135)

NITRATE OF SODA

Stimulates the Production of Plants

A fertilizer for all crops, quick in action and hastens the maturity of crops fully two weeks. It should not be applied until the plants are above the ground, when 200 to 300 lbs. per acre are sufficient. Nitrate of Soda is the best form in which nitrogen can be restored to the soil. It is of special value for crops such as Peas, Corn, Beets, Cabbage, Sugar Beets, Potatoes, etc.; also small fruits. Do not allow solution to touch foliage. Dissolve 1 oz. to 2 gals. or 1 lb. to 50 gals. 2 lbs., 25c, postpaid, 38c; 5 lbs., 60c, postpaid, 79c. By express or freight, 25 lbs., \$3.00; 50 lbs., \$3.50; 100 lbs., \$10.00.

WE RECOMMEND VIGORO IN PLACE OF SHEEP FERTILIZER

A complete line of Insect Destroyers will be found on Pages 127 and 128.

Parcel Post charges where named are for shipment up to and including the third zone; for other zones, please add additional postage.

CYANOOGAS—(Kills)

"IT'S EASY TO KILL RODENT PESTS NOW"



When used as per directions it gives off a gas that is deadly to rodent and insect pests, and kills them almost immediately. Cyanogas will kill gophers, rats and mice, ants, fleas, moles, snails, slugs, squirrels, wire worms, etc. The pests don't have to eat Cyanogas or even touch it. It gets them wherever they are; none can escape it. Cyanogas is easy, quick and thorough. "It kills."

**Cyanogas—Granular—**To use with a spoon. 1-lb. can, 75c, postpaid, 85c; 5-lb. can, \$2.00, postpaid, \$2.19. By express or freight, 25-lb. can, \$6.00; 100-lb. can, \$20.00.

**Cyanogas—A Dust—**Quick acting; can be used in the Cyanogas Duster. 1-lb. can, 75c, postpaid, 85c; 5-lb. can, \$2.50, postpaid, \$2.69. By express or freight, 25-lb. can, \$6.00; 100-lb. can, \$20.00.

CYANOOGAS DUSTER—(See Page 132)

GAS BALLS

Kills squirrels, gophers, and prairie dogs at a small expense and no danger to stock, non-explosive, non-poisonous to handle and sure to kill. Just light sharp edge of gas ball and roll into the hole, and cover so the fumes cannot escape.

Price—Doz., 50c, postpaid, 61c; carton of 125, \$3.75, postpaid, \$4.14. Case (1,000), \$24.75, F. O. B. Helena.



**EXCELSIOR PLANT FOOD** — The original odorless house plant food. Produces vigorous, healthy growth. Endorsed by the leading horticulturists, private and market gardeners and park superintendents. 5-oz. pkg., 25c, postpaid, 33c; 12-oz. pkg., 50c, postpaid, 60c.

BONE MEAL

A well known fertilizer for all purposes; safe and effective. 1 lb., 10c, postpaid, 21c; 5 lbs., 35c, postpaid, 54c. By express or freight, 25 lbs., 95c; 50 lbs., \$1.65; 100 lbs., \$3.00.

STIM-U-PLANT

PLANT STIMULANT TABLET

THE MAGIC FERTILIZER IN TABLET FORM  
GLORIOUS GARDENS—PERFECT HOUSE PLANTS

The Most Modern, Efficient and Scientific Method of Fertilizing Growing Plants

These tablets contain highly concentrated, immediately available forms of plant food for stimulating fruit, flower, vegetable, and ornamental plants, and may be used in liquid or tablet form.

They increase production, hasten maturity, improve quality and better the color of the plants and products. Their use is highly profitable, for all these benefits cost only a fraction of a cent for each application. Full directions on every package.

Small size, 30 tablets .....\$ .25, postpaid, \$ .30  
Medium size, 100 tablets ..... .75, postpaid, .85  
Large size, 1,000 tablets..... 3.50, postpaid, 3.70



## GARDEN HOSE



**ELECTRIC**—Non-kinkable; not to be confused with any other type of corrugated Hose, for **ELECTRIC** is the most sturdy and rugged piece of Hose on the market today. "Wears like a pig's nose."

$\frac{1}{2}$ -in., 25 ft. or over, 15c per ft., couplings attached.

$\frac{5}{8}$ -in., 25 ft. or over, 16c per ft., couplings attached.

$\frac{3}{4}$ -in., 25 ft. or over, 17c per ft., couplings attached.

**NOTICE**—Less than 25 ft. couplings 25c extra.

**RAINBOW**—(Green)—Considerably cheaper Hose than Electric, but one we can recommend.

$\frac{5}{8}$ -in., 25 ft. or over, 11 $\frac{1}{2}$ c per ft., couplings attached.

$\frac{3}{4}$ -in., 25 ft. or over, 12 $\frac{1}{2}$ c per ft., couplings attached.

**NOTICE**—Less than 25 ft. couplings 25c extra.

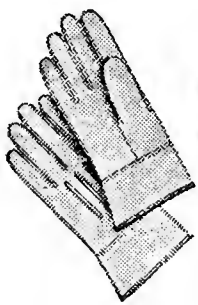
**NEPTUNE**—(Black)—Cheaper than Rainbow; of exceptional quality in a Single Braid Hose.

$\frac{5}{8}$ -in., 25 ft. or over, 7 $\frac{3}{4}$ c per ft., couplings attached.

**NOTICE**—Less than 25 ft. couplings 25c extra.

**ALL RUBBER HOSE**—(Black)—Sturdy in construction and attractive. 25-ft. lengths, \$1.40; 50-ft. lengths, \$2.50, couplings attached.

**Extra Hose**— $\frac{3}{8}$ -inch for Perfection, Leader and Junior Sprayers—15c per foot in any length.



*National*  
**Eazy Wear**  
*Garden Gloves*

**ALL-LEATHER—DIRT-PROOF  
SOFT AS KID—EXTRA PLIABLE**

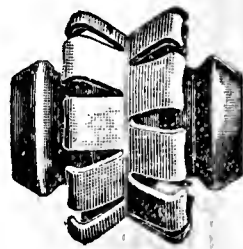
Ideal Gloves for men and women; made from select imported leather processed to render it amazingly soft and pliable, as well as durable. Permit almost barehand freedom with perfect comfort, yet insure complete protection from dirt, scratches, bruises, stains. Economical—outwear 6 pairs of fabric gloves and are useful the year round for Garden, Housework, Painting, Yard, Furnace, Garage, etc.

**WASHABLE!**

Sizes for women: Medium or Large—for men: Medium or Large. Price, 75 cents a pair (2 pairs, \$1.40), postpaid.

## HOSE MENDERS

**PERFECT CLINCHER HOSE MENDER**—No wiring, no screws, no tools needed except a hammer; no obstruction in the hose; a boy can use them and make a perfect mend; a one-piece article which does the work of the mender and tube and two clamps ordinarily used.  $\frac{1}{2}$ ,  $\frac{5}{8}$ , or  $\frac{3}{4}$ -inch.



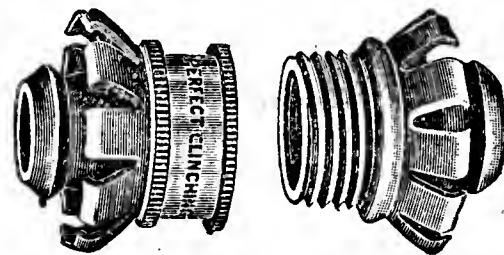
**State size wanted.**

Price, each, 15c, postpaid, 17c; doz., \$1.55, postpaid, \$1.70.

**HOSE WASHERS**—Fits  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{3}{4}$ -inch—per doz., 10c, postpaid, 12c.

## HOSE COUPLINGS

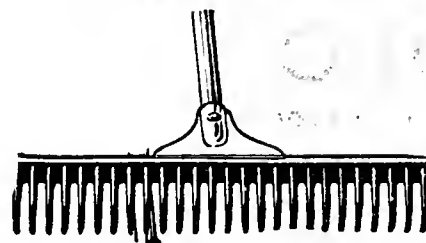
**"PERFECT CLINCHING" HOSE COUPLINGS**—Slip it in the hose and hammer down—that's all. A coupling that does not require extra bands, bolts or wires—it will not pull off. A smooth joint with no projecting parts. A perfect joint that cannot leak. The harder the pressure, the tighter it gets. The tough brass in the clamping fingers permits taking off and using again. Strong and durable.  $\frac{1}{2}$ ,  $\frac{5}{8}$  or  $\frac{3}{4}$ -inch. **State size wanted.** Price, 25c, postpaid, 28c; doz., \$2.75, postpaid, \$2.87.



**HOSE WASHERS**—Fit  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{3}{4}$ -in. Per doz., 10c, postpaid, 12c.

## "GUMFINGER" LAWN RAKES

**An Ideal Gardening Tool**



The teeth are live, resilient rubber, stiff enough to rake clean, but flexible enough not to tear or uproot the grass.

Rakes cleanly over rough surfaces. The rubber teeth adjust themselves to every irregularity in the ground. Light and easily handled.

"Gumfinger" Lawn Rakes are tough and resist wear. They can't rust or break. Price, each, 16-inch, \$1.10, postpaid, \$1.20.



**New Method of  
Plant Protection**



**The Above Photo Shows Large Field of Hotkaps  
Prices**

100 Hotkaps, setter and tamper,	\$2.25, postp'd,	\$2.65
250 Hotkaps, setter and tamper,	3.50, postp'd,	3.75
1000 Hotkaps only	9.75, postp'd,	10.38
1 Steel Setter and Tamper.....	2.25, postp'd,	2.42

**Germaco  
Hotkaps**

**BIGGER CROPS  
3 WEEKS EARLIER!**

Germaco Hotkaps guard plants against frost, wind, rain, insects, etc., by completely covering them. They maintain a perfect mulch around each plant. Crops give a 10 to 25% greater yield and mature 2 to 3 weeks earlier—for higher prices.

Hotkaps are patented wax paper cones—placed over plants or seeds at time of planting. Inexpensive, easy to use. One man can set over 2,500 per day.

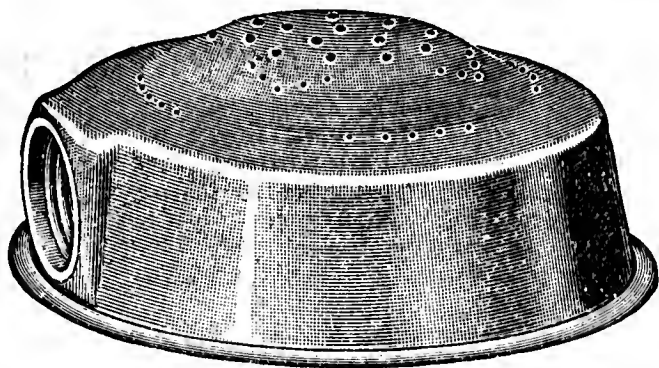
You can add to your next year's profit with Hotkaps. They cost but a fraction over a penny each. They not only bring you higher prices, but are a method of crop insurance—against the danger of the elements.

**Write for interesting pamphlet free.**

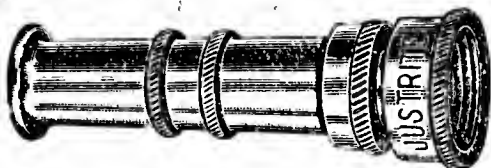
**Write for special prices on 5 and 10 thousand lots.**



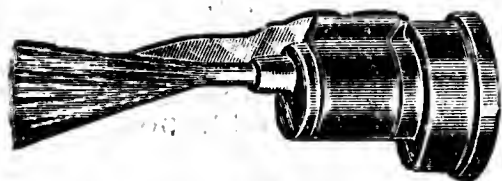
## LAWN SPRINKLERS



**THE SQUARE FOUNTAIN SPRINKLER**—The lower holes throw a wide spreading square, from the crown is emitted a volume of smoky mist that is unsurpassed for beauty. It gives an even distribution seldom equaled. It will sprinkle the side of your house, along the walk and reach the edges without throwing water over the passerby. Made of heavy brass. Price, 65c, postpaid, 75c.



**JUSTRITE SPRAY NOZZLE**—The brass nozzle for hand use; will throw a straight stream, also fine or coarse spray, and the shut-off is positive, without the possibility of leakage; recommended by all. Price, 50c, postpaid, 59c.



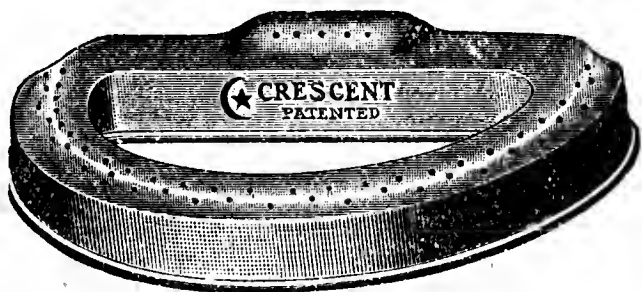
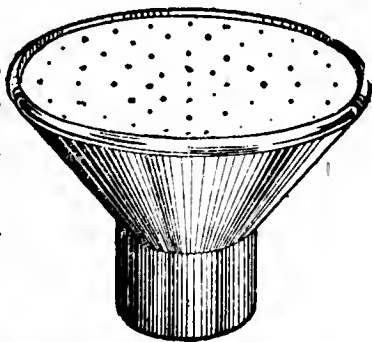
Champion Nozzle

**CHAMPION NOZZLE**—Two in one combination nozzle and sprinkler; the water volume is as great with spray as with solid stream. There is no shut-off and, therefore, no back pressure on the hose. Spray is graduated by the revolving sprayer plate. Price, 45c, postpaid, 55c.

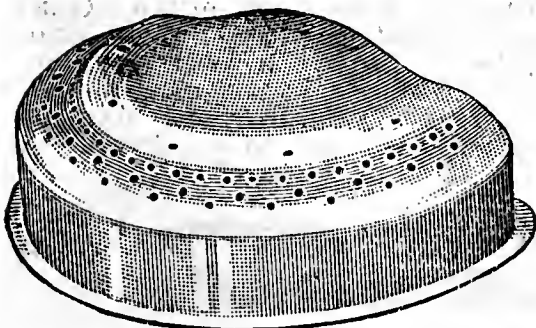


Twin

**"ROSE" or "BOSTON" SPRINKLER**—A good serviceable, low priced Sprinkler, throwing the well known rose spray. Works well on either high or low pressure. Made of brass with a heavy cast brass base. Price, 80c, postpaid, 90c.

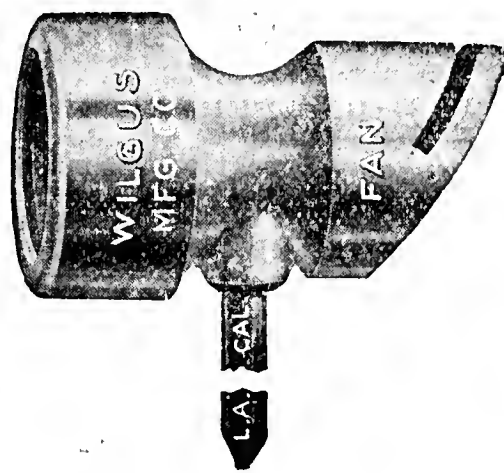


**CRESCENT SPRAYER**—A Sprinkler that throws all the water to the front and sides, leaving the sidewalk dry. Price, 90c, postpaid, \$1.00.

**"HANDY" FOUNTAIN SPRINKLER**

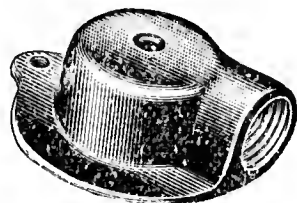
—Not very big, costs very little; but it sprinkles as much ground as the big ones. It throws all the water away from the hose end, giving a beautiful fountain spray. No tipping over; just

walk up to it and adjust it after the water is turned on. When held in the hand is splendid for sprinkling flowers. Made of heavy brass. Price, 50c, postpaid, 55c.



Fan

**FAN SPRINKLER No. 8**—Made of zinc metal and shaped so that it will water a bed on one side only. A most convenient Sprayer. Price, 35c, postpaid, 41c.

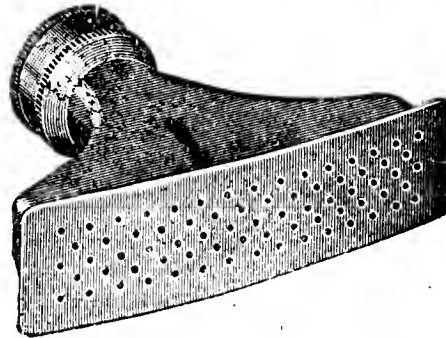


C. B. G.

**C. B. G. SPRINKLER**—"Cheap but Good"—Is deservedly very popular on account of low price. Price, 35c, postpaid, 46c.



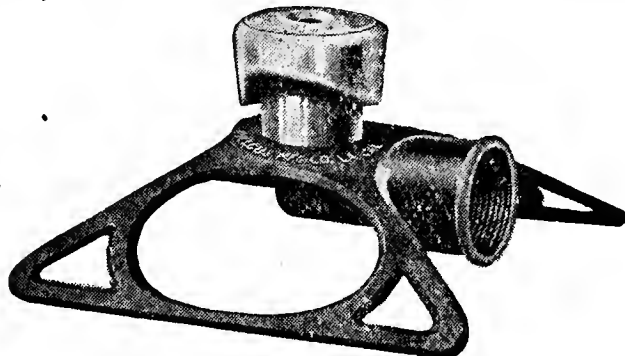
Wilgus No. 1



Flaring Rose

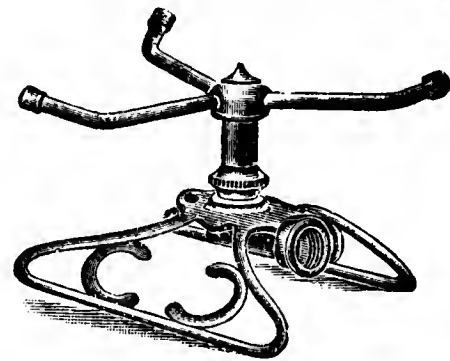
**FLARING ROSE SPRINKLER**—Especially adapted for flowers and delicate foliage. It throws a fine spray that can be placed exactly where you want it without waste of water. Price, 60c, postpaid, 70c.

**"WILGUS" NO. 1**—The original Wilgus Sprinkler; one of the leaders of the type, and one of the best. Works well on all pressures. Price, 60c, postpaid, 70c.



Wilgus No. 21

**"WILGUS" NO. 21**—This Sprinkler is mounted on a heavy cast iron base, japanned. Will not turn over, no matter what pressure, and can be moved on the sod like runners. Water is delivered in a very fine spray even on a light water pressure. Price, \$1.55, postpaid, \$1.65.



Zenith

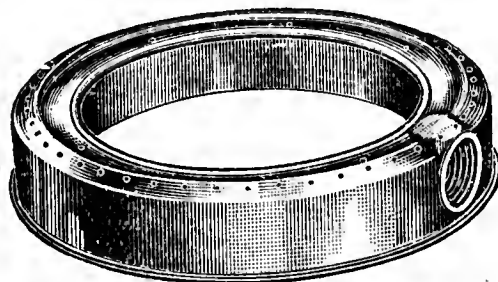


Busy

**ZENITH SPRINKLER**—Adapted for general use and is very popular. Height 5 inches. A very useful Sprinkler. Price, \$1.35, postpaid, \$1.50.

**THE BUSY**—One of the best distributors of water on the market. Covers a circle of about 30 feet in diameter, very uniformly. The Busy is a very popular Sprayer. Price, \$1.05, postpaid, \$1.20.

**THE ANACONDA**—Same as the Zenith, except the height, which is 11 inches. Price, \$1.75, postpaid, \$1.90.



Ring

**RING SPRINKLER**—Made of heavy sheet brass. The Ring throws a fine mist, covers a large circle, and can be conveniently moved about without shutting off the water. Price, 95c, postpaid, \$1.06.



## HUDSON SPRAYERS AND DUSTERS



**HUDSON PERFECTION—**  
The World's Standard—  
The Perfection Sprayer has all-riveted seams that give the necessary strength for developing a high pressure which is absolutely essential for good results. The tank is 7½ inches in diameter, 20 inches long, capacity 4 gals., weight 12 lbs. The hose is 5-ply, nozzle is of the automatic type. This Sprayer will handle whitewash, paints, Bordeaux Mixture, Paris green, etc. For very heavy liquids use the extra nozzle cap which is furnished with the Sprayer. The Perfection has the distinction of combined simplicity, convenience, strength and service. Furnished in galvanized steel. Price, \$6.50, postpaid, \$6.80.

We keep on hand extra parts for Perfection, Leader and Junior Sprayers.

Perfection nozzle, \$1.50, postpaid, \$1.60; outside disk, 10c; inside disk, 10c; fine spray disk, 10c; washer, 6c; nozzle cap, 50c; nozzle screen, 10c; ball, 25c; gaskets, 15c; shoulder strap with snaps, 35c; valve spring for bottom of pump, 15c; handle, 35c, postpaid, 45c; pump plunger, leather, 10c; nozzle and extension rod with hose and clamps attached, \$2.25, postpaid, \$2.35.



**HUDSON LEADER—**  
The Leader is a high pressure, 4-gallon compressed air Sprayer at a very moderate price. Tank is of galvanized steel, side seam riveted and soldered. Top and bottom seams specially formed and locked. Pump is seamless brass tube with bronze ball valve. Handles whitewash, cold water paints, insecticides, etc. Is equipped with extra nozzle discs for various classes of work. Price, \$3.50, postpaid, \$3.80.

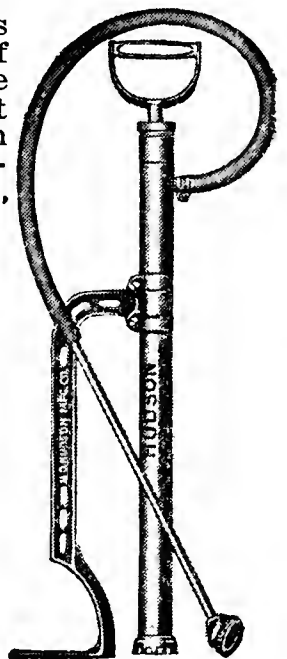
**HUDSON JUNIOR—**

The Junior Sprayer is made for the man who needs a high pressure compressed air Sprayer smaller than the Perfection. It is particularly adapted for the backyard garden or small truck farm, for use around the chicken house, dairy barn, hog pen, or for disinfectants in hotels, restaurants and other public buildings. It will do any work the larger models can, for it differs only from the Perfection in capacity. It is substantially made and will give entire satisfaction. Tank 6½ inches in diameter, 17 inches long; capacity about 2½ gallons. Made of galvanized steel. Price, \$4.50, postpaid, \$4.77.

Extra Hose—¾-inch, for Perfection, Leader and Junior Sprayers, 15c per foot in any length.

**HUDSON MODOC BUCKET PUMP**

The Modoc Pump is continuous and double acting. Made entirely of brass. Not affected by corrosive spray materials. Handle and foot rest are malleable. Equipped with 3 ft. of high pressure hose and 12-inch iron extension. Price, \$4.25, postpaid, \$4.46.

**HUDSON MAJOR**

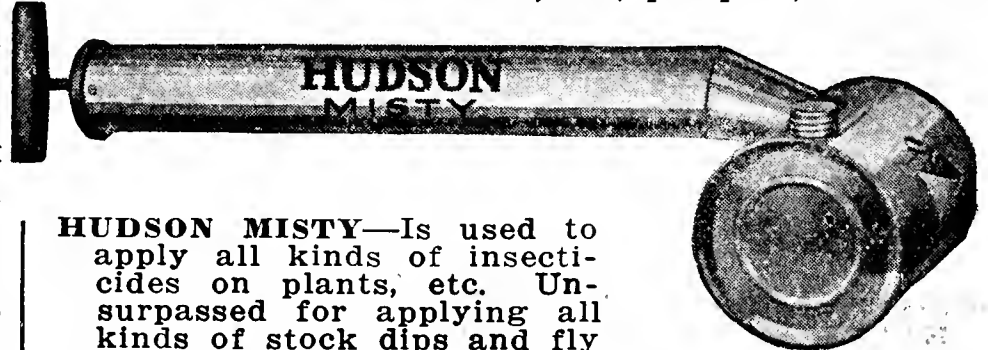
**DUSTER**—The Major Duster is designed for handling Cyanogas. Equipped with 12 inch pipe extension and a 12-inch piece of flexible tubing. This may be attached directly to the duster, then the hose slipped on the far end.

This facilitates reaching underground passages of gophers, rats, moles, etc. May also be used in the garden, barnyard, on truck and field crops, dusting vines and plants, etc.

Large filter cap. Strainer prevents clogging and insures uniform volume of discharge. Used for Cyanogas to kill gophers. Price, \$1.30, postpaid, \$1.40.

**HUDSON MIDGET SPRAYER**—Is a small, compact, substantial and very efficient

Sprayer. The Midget is ten inches long, capacity one pint. Throws a fine uniform spray, and is an indispensable aid to the housewife for spraying house plants. Price, 35c, postpaid, 45c.



**HUDSON MISTY**—Is used to apply all kinds of insecticides on plants, etc. Unsurpassed for applying all kinds of stock dips and fly killer on cattle and horses; also for disinfecting poultry houses, barns, etc. Made of good tin and holds 1 quart. Price, 50c, postpaid, 60c.

**SPRAY NOZZLES FOR PUMPS—**(See Page 133)  
**BARREL PUMPS—**(See Page 135)



**HUDSON CRANK DUSTER**—The Hudson Duster develops a powerful air blast. The agitator feeds the powder down into the delivery spout. It can be set to feed exactly the amount of powder required. Will handle any powder. Capacity 5 to 10 pounds, depending on the powder used. Made of lead-coated steel, neatly painted. Gears are steel, run in oil, reducing wear and noise. Gear case is oil and dust proof. Equipment consists of two nozzles, two elbows, a wye connection, and four 15-inch tubes. This permits the use of one or two nozzles. Equipment can be arranged to dust plants from above or from the under side. Price, \$12.75, postpaid, \$13.25.



**HUDSON CORPORAL DUSTER**—A Duster for the housewife. Will handle any insect powder to exterminate roaches, ants, water bugs, etc. Also for house plants. Price, 15c, postpaid, 20c.



CARBOLA HAND DUSTER



This little Hand Duster is so constructed that it emits powder in clouds of the right consistency. The Carbola Hand Duster is the most efficient Duster on the market, and no other dusting device in its class can approach it for efficiency, ease of manipulation, simplicity and durability. It is so simple in construction that it eliminates all trouble. Price, \$1.25, postpaid, \$1.35.

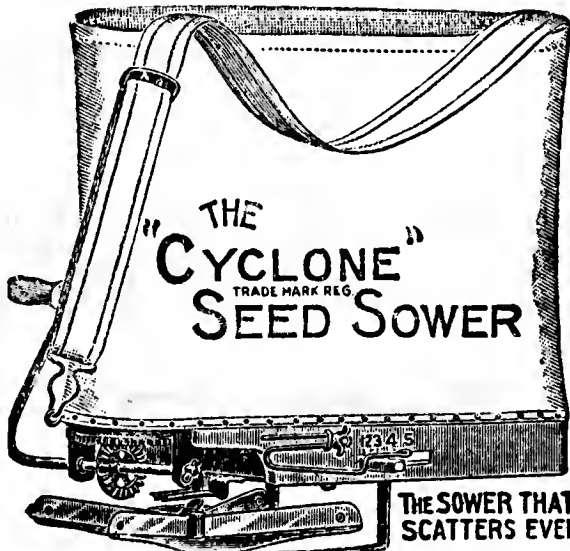
THE AMERICAN BEAUTY DUSTER



The most powerful hand duster made. Has a large, powerful bellows, that throws dust to the tops of trees. A man will average eight acres per day on trees. Dusts truck crops at an average walking speed, and dusts the under side of leaves. Has a spiral agitator that feeds the dust directly into the moving air blast; does not choke or clog. Has an efficient regulator for discharge control. It is considered the standard of efficiency by all authorities. Price, \$18.00. Write for leaflet of the American Beauty Dust Sprayer.

THE CYCLONE SEEDER

THE WORLD'S STANDARD SEED SOWER



Can sow fifty acres in a ten-hour day—seeded evenly, thoroughly and easily. Use it with any seeds that can be sown broadcast or with ground bone, ashes or fertilizer—a Cyclone will pay for itself in three hours' work, because its absolutely even distribution will make three bushels do the work of four. The Sower that satisfies. Each, \$1.90, postpaid, \$2.00.

THE CYCLONE PLANTING AND PICKING BAG



A combination of convenience and comfort for the one who plants potatoes, picks apples, gathers seed corn, etc. Makes a nice clothespin bag for the laundry lady. Is nicely made from heavy duck and has a heavy adjustable web strap. The mouth of the bag is fitted with a steel frame which keeps it open. It hangs in comfort and leaves both hands free. Price, 75c, postpaid, 85c.

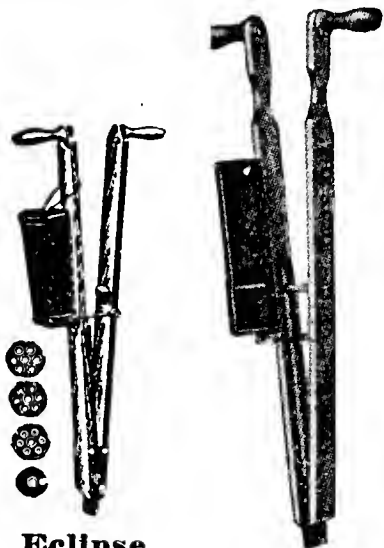


Scollay Rubber Sprayer

**SCOLLAY RUBBER SPRINKLER**—For spraying small plants. An ideal one for house use. When once used you will wonder how you got along without it. Will last a lifetime. The best rubber Sprayer made. Price, \$2.00, postpaid, \$2.10.

CORN AND POTATO PLANTERS

**ECLIPSE ROTARY CORN PLANTER**—The Eclipse is the most perfect Rotary Corn Planter on the market, having a positive feed and four changes of discs. It is extremely simple. Highly recommended. Price, \$2.25, postpaid, \$2.45.



Eclipse Rotary Corn Planter

No. 306

**ACME CORN PLANTER NO. 306**—Works in any soil; has a flexible and adjustable iron drop, and does not wear the brush. It has an iron seed box and iron channel. Strong, durable, reliable and gives satisfaction. Each, \$2.00, postpaid, \$2.20.

SEGMENT CORN PLANTER NO. 311

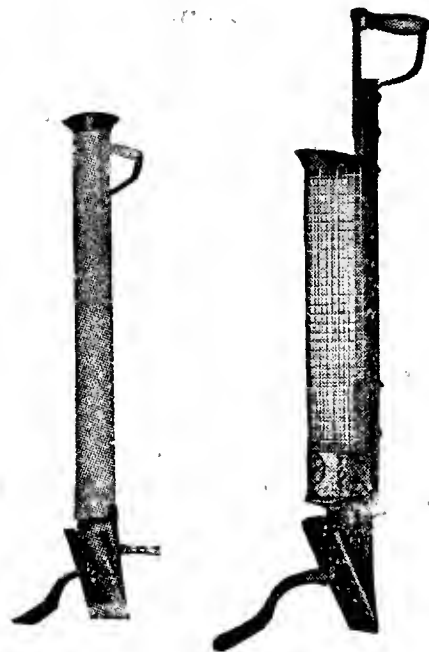
—An all-metal Planter which is operated by a spring with the foot; strong, reliable tool. Each, \$2.25, postpaid, \$2.40.



No. 311

ACME POTATO PLANTER NO. 302

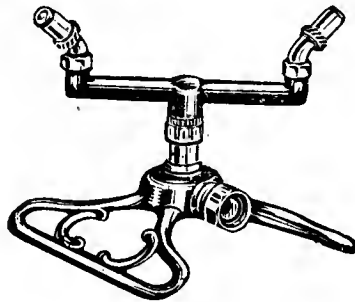
—A very handy tool, with jaws of crucible steel, points polished, galvanized iron, taper conveying tube, natural finish. Height, 36 inches. Price, \$1.75, postpaid, \$1.95.



No. 302

No. 304

**POTATO PLANTER NO. 304**—A light tubular Planter. Its spring closed jaws are specially designed to enter the soil easily, yet open wide enough to drop the largest seed. The dropping lever is adjustable for any depth of planting. Price, \$2.00, postpaid, \$2.15.

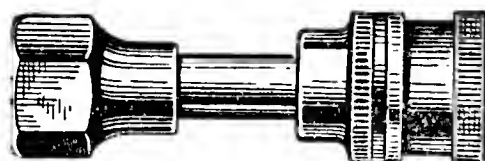
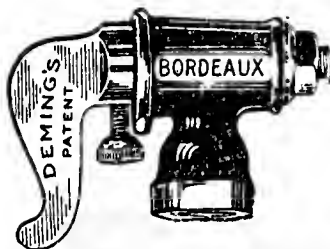


PARKSIDE LAWN SPRINKLER

(New Improved)

A new Lawn Sprinkler satisfactory for any kind of a sprinkling condition; will operate efficiently with a high or low water pressure. Has numerous applications, from sprinkling a fine mist to a coarse stream, from an extremely large circle to the smallest circle. For stationary sprinkling over a small concentrated or large area. Price, \$2.50, postpaid, \$2.65.

SPRAY NOZZLES FOR PUMPS



Eureka

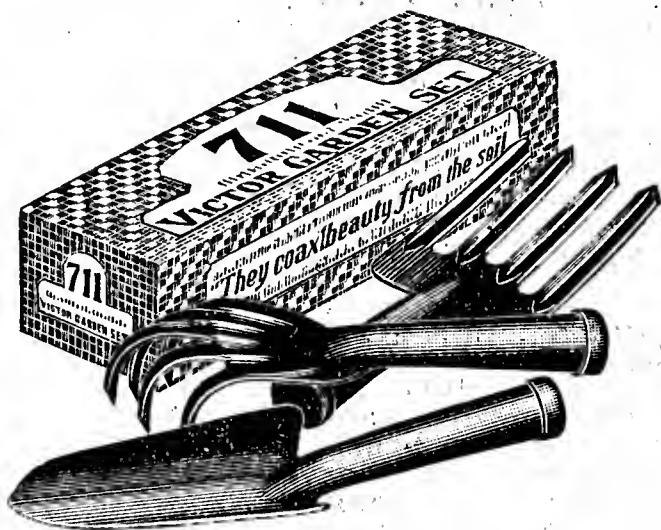
**BORDEAUX SPRAY NOZZLE**—It is a general purpose spray nozzle. Throws a solid stream, coarse or fine mist, or it may be cut off. Excellent nozzle also for whitewashing, disinfecting, etc. Price, \$1.00, postpaid, \$1.10.

**EUREKA SPRAYING NOZZLE**—Throws conical-shaped spray. Disgorges by pushing against fence or tree. Price, 70c, postpaid, 75c.

LAWN SPRINKLERS—(See Page 131)



## VICTOR GARDEN SET



An all-metal Fork, Trowel and Weeder.

Their brilliant green color commands attention. Made of genuine normalized steel, they are exceptionally strong and efficient. Durable enamel finish prevents rust and makes them easy to clean. "They coax beauty from the soil." Sold in sets only. Per set, 60c, postpaid, 70c.

## TROWELS



**THE KINGSBURY** one-piece Trowel is a favorite because it is so easy to use. The handle is shaped to give a firm grip, has no rough edges. Built of unbreakable, unbendable sheet steel, whose sharpened blade is coated with rust preventive. Shaped to fit the hand. Price, 50c, postpaid, 60c.



**NO. 211**—The blade and shank are made of one piece of steel. The blade is finely polished. The rear part and shank are enameled a nice blue. Polished hardwood handle. Heavy steel ferrule. Price—6-inch blade, 85c, postpaid, 95c.



**NO. 213**—Made of cold rolled steel, bright blades, malleable iron shanks firmly riveted. Price—6-inch blade, 25c, postpaid, 35c.



**NO. 216**—Ladies' Flower Trowel. Riveted by new method. Price—6-inch blade, 20c, postpaid, 28c.



**NO. 217** — Transplanting Trowel. The blade and shank are made of one piece of heavy sheet steel. Excellent for lifting and setting out plants and seedlings. Price—6-inch blade, 25c, postpaid, 33c.

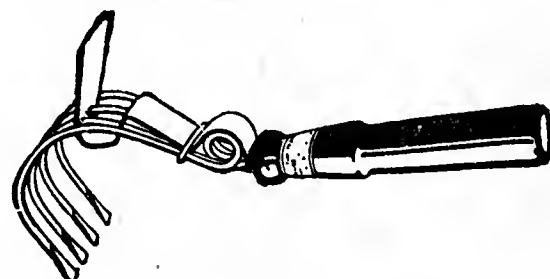
## WEEDERS



**LANG'S HAND WEEDER** — One of the handiest tools yet devised for weeding and thinning out. Each, 20c, postpaid, 25c.



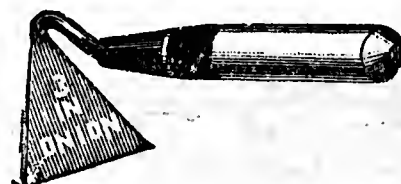
**EXCELSIOR WEEDER** — A very useful tool for weeding seed beds. For stirring the ground, etc., no one should be without one. Each, 20c, postpaid, 25c.



**MAGIC WEEDER** — A very handy tool for use among flowers and small vegetables. Destroys the weeds and leaves the earth about the roots themselves. Price, 55c, postpaid, 62c.

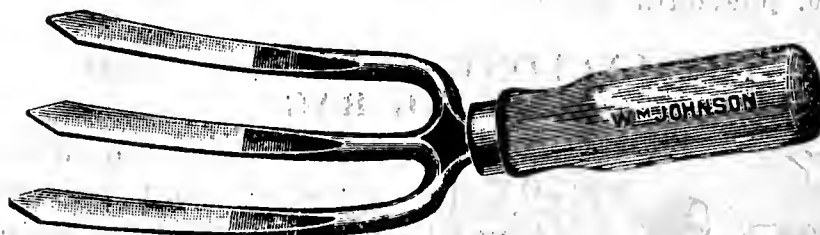


**MAGIC WEEDER NO. BB**—A tool light enough and long enough; 36-inch handle for use with one hand without stooping; very handy for weeding flowers and small vegetables. Price, each, 45c, postpaid, 55c.



**SUPERIOR WEEDING HOE**—3-in. cut, 11-in. handle. Very useful article for the garden. Each, 80c, postpaid, 85c.

## WEEDING FORKS



**GARDEN WEEDING FORK NO. 300**—3-tine, very strong, useful tool. Each, 50c, postpaid, 55c.



**GARDEN WEEDING FORK NO. 400**—4-tine, short handled, very strong, useful tool. Each, 35c, postpaid, 47c.



**ASPARAGUS KNIFE** — This Asparagus Knife is made of the best steel, cutting edges are hardened and tempered to stand rough usage. Used also as digger and weeder for long tap-rooted weeds such as dandelions. Each, 45c, postpaid, 53c.



PRUNING KNIVES



Good grip wooden handles with three-inch blade.

No. 5C—3 3/4-inch blade.  
Each, postpaid .....\$2.00

No. 2C—4-inch blade.  
Each, postpaid ..... 2.25

WATER'S TREE PRUNERS

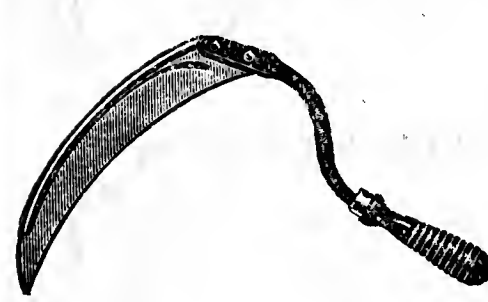
The best Pruner on the market. Cuts limbs up to 3/4-inch in diameter. The spring on the handle resets the cutting blade.

PRICES

8-ft. ....	\$2.50
10-ft. ....	2.75
12-ft. ....	3.00
Tree Pruner Springs, each.....	30c
Tree Pruner Blades, each.....	50c

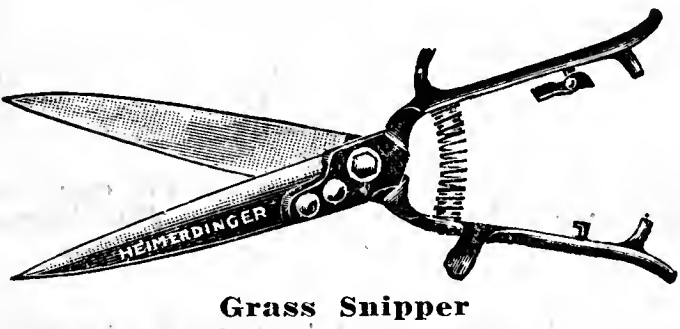
Tree Pruners cannot be sent by parcel post

LITTLE GIANT GRASS HOOK



Is a miniature scythe and cuts like a scythe. Very handy for cutting grass, etc. A very useful article; 12-inch blades. Price, 80c, postpaid, 90c.

GRASS SNIPPER



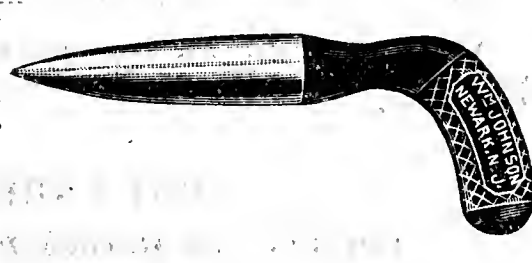
A very practical shear for cutting grass, light vines, etc. Six-inch blades; length over all, 12 inches. Each, 85c, postpaid, \$1.00.

DIBBLE

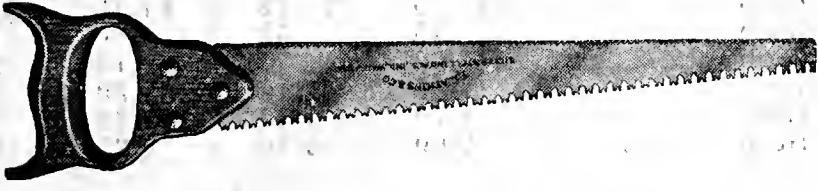
For Transplanting Vegetable Plants, etc.

DIBBLE—No. 220—

Iron Dibble, usual size; handiest tool ever made for transplanting cabbage, etc. Each, 85c, postpaid, \$1.00.

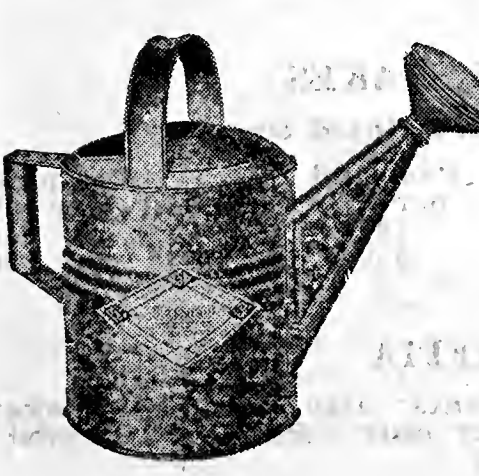


DOUBLE-EDGE PRUNING SAW



DOUBLE-EDGE PRUNING SAW—Has fine teeth on one edge and "Lightning" teeth on the other. Each, \$2.10, postpaid, \$2.20.

WATERING CANS



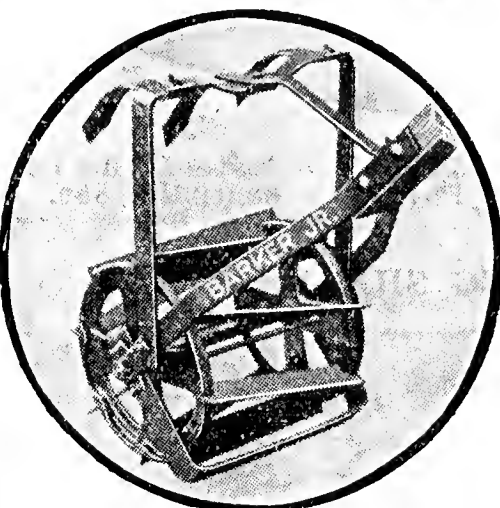
Round, regular style, made of heavy galvanized iron, wide spouts, with removable rose, and also equipped with radiator filling spout. Made well and substantial.

8 quart .....	\$1.00
10 quart .....	1.15
12 quart .....	1.25
16 quart .....	1.50

By Express Only

BARKER WEEDER, MULCHER AND CULTIVATOR

"Makes Gardening 10 Times Easier"



This is a practical up-to-date hand Cultivator, doing better work than many others; it has small pointed shoes or hoes. Made like a lawn mower, the revolving blades working up the surface of the ground, cutting weeds and separating them from the soil, so they are easily destroyed. More effective, as no weeds can be missed and a fine mulch is left over the surface

which prevents the evaporation of the moisture. Each machine is fitted with leaf guards and tooth attachments. The 9-inch is for ordinary use.

- No. 9 D—Complete, all attachments, 9-in.....\$ 9.50
- No. 10 D—Complete, all attachments, 10-in..... 10.60
- No. 11 D—Complete, all attachments, 11-in..... 11.75

VIGORO SPREADERS



Junior Spreader



The Little Spreader

Feed everything you grow

**VIGORO**

Specialty prepared plant food

These Seeders and Spreaders were especially designed for small lawns. The Junior holds 25 lbs. Set the slide and run it over the lawn, so simple, so easy, a child can run it. Spreads 14 inches wide and has a quick-acting slide adjustment; spreads accurately and uniformly in any quantity desired of all grass seeds, plant food, etc. No seeds or fertilizer wasted, leaves no ridges or bare spots on the lawn. It sows close to the ground and avoids the loss by wind.

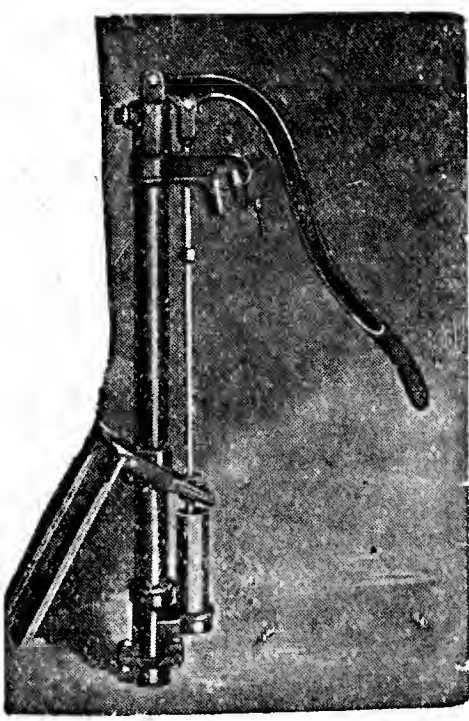
Use the Vigoro Spreaders in Spring, Summer and Fall. Then use it in Winter also for spreading sand or salt on icy walks and drives. Saves time, labor; seed and plant fertilizer. Prices—The Junior Spreader, \$7.00; the Little Spreader, \$2.35—F. O. B. Helena.

PEERLESS BARREL PUMP

The "Peerless" has become a very popular sprayer. It ranks first among the medium priced thoroughly tested. Its rigidity during operation by anchor in bottom of barrel is a most desirable feature. It is a boon to the average farmer who is not engaged extensively in fruit growing. The "Peerless" is very compact, durable and efficient.

The "Peerless" barrel sprayer has one 12 1/2-foot section of 1/2-inch hose, couplings, agitator and disk strainer, also Simplex nozzle.

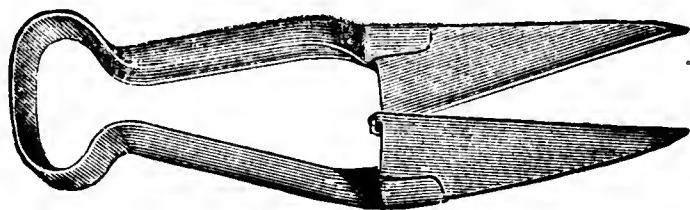
No. 1721—Price complete, \$14.65.



Peerless No. 1721

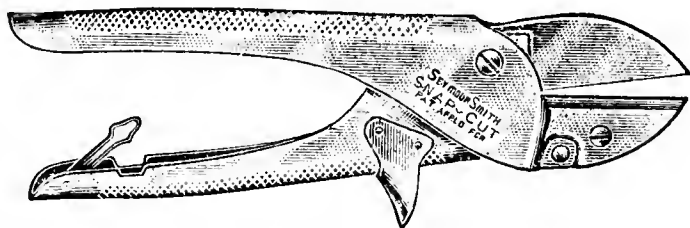


GRASS SHEARS

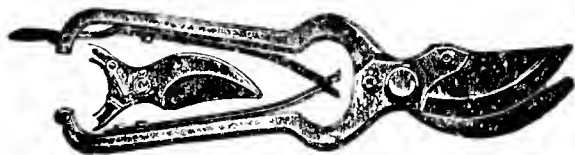


**HARTFORD GRASS SHEARS**—Tool steel, the best that money can buy. Pair, 75c, postpaid, 85c.

PRUNING SHEARS



**SNAP CUT PRUNER**—Is new and different. It easily cuts 3/4-inch green wood with perfectly clean cut; absolutely non-pinching handles and beautiful rust-proof finish. The finger guard holds the hand in natural position; can be carried in the pocket without danger to clothing or person. Price, \$2.00, postpaid, \$2.20.



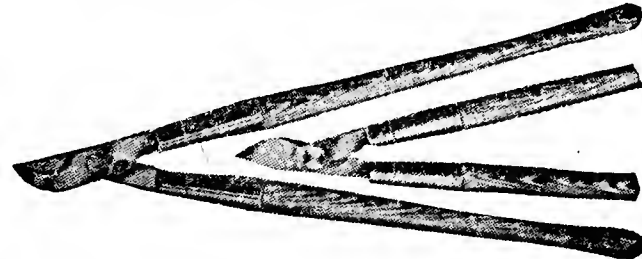
**HARTFORD PRUNING SHEAR** — Polished steel blades. Double brass flat springs. The best for vineyard and other pruning. Very strong; 9-inch. Price, \$2.10, postpaid, \$2.22.



**SUPERIOR PRUNING SHEAR** — Malleable iron handle, polished steel blade with blued steel volute spring; 9-inch. Price, \$1.00, postpaid, \$1.15.

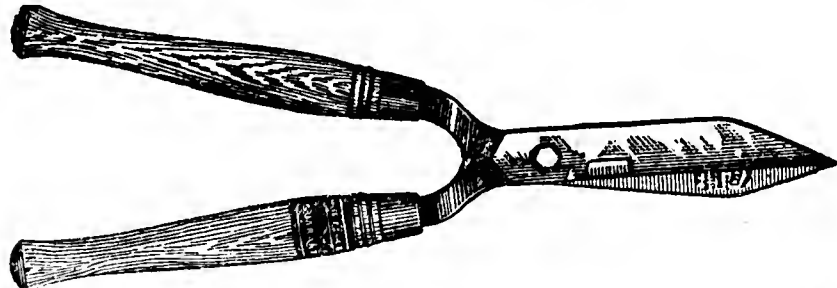
Extra Springs for Superior Pruning Shears—Price, 20c, postpaid.

PEERLESS HAND PRUNER



A good and powerful Pruner. Blades are forged from best quality tool steel and finely tempered, correctly shaped for clean and rapid cutting. Seamless steel ferrules, heavy ash handles. Length, 30 inches. Price, \$3.35, postpaid, \$3.55.

HEDGE SHEARS



**HEDGE SHEARS—ZENITH**—For trimming hedges, shrubs, small bushes and trees; also preferred by many for edging lawns and beds. Blades are polished solid cast steel.

No. 485L—6-inch blade, per pair, \$2.00, postpaid, \$2.15.

No. 485M—8-inch blade, per pair, \$2.75, postpaid, \$2.95.

Paper Flower Pots



BIRD'S NEPONSET WATERPROOF PAPER POTS

For transplanting young plants of all kinds; light, strong, waterproof and inexpensive. Try them if you raise your own tomato and other vegetable plants.

These Pots are used to start young plants and seed and the Pot is later inserted in the soil with the plant.

	per doz.	per doz.	per 100	per 100	per 1000
					F. O. B. Helena
2 1/4 inch.....	10c	15c	\$ .75	\$ .85	\$ 6.05
2 1/2 inch.....	15c	19c	.85	.95	6.90
3 inch.....	20c	28c	1.25	1.38	9.10
3 1/2 inch.....	25c	35c	1.45	1.62	11.35
4 inch.....	30c	40c	1.65	1.85	14.55
5 inch.....	35c	48c	2.25	2.52	18.90
6 inch.....	40c	52c	3.00	3.33	25.40

STANDARD FLOWER POTS (Clay)

Inside Measurement	Approximate weight	F.O.B. Helena
	per dozen	Each Doz.
2 inch .....	3 lbs.	\$ .03 \$ .30
2 1/2 inch .....	4 lbs.	.04 .40
3 inch .....	5 lbs.	.05 .50
4 inch .....	12 lbs.	.06 .60
5 inch .....	18 lbs.	.09 .90
6 inch .....	25 lbs.	.15 1.50
7 inch .....	3 1/2 lbs.	.20
8 inch .....	4 1/2 lbs.	.30
9 inch .....	5 1/2 lbs.	.50
10 inch .....	10 1/4 lbs.	.70
12 inch .....	14 1/4 lbs.	1.20

**NOTICE**—Add 25c for packing charges on Pots. By Express or Freight ONLY at Purchaser's Expense.

FLOWER POT SAUCERS (Clay)

Inside Measurement	Approximate weight	F.O.B. Helena
	each	Each Doz.
4 inch .....	8 oz.	\$ .05 \$ .50
5 inch .....	10 oz.	.06 .65
6 inch .....	13 oz.	.09 .85
7 inch .....	1 1/4 lbs.	.10 1.00
8 inch .....	1 1/2 lbs.	.12 1.30

**NOTICE**—Add 25c for packing charges on Saucers. By Express or Freight ONLY at Purchaser's Expense.

POT LABELS

For Pot and Garden Plants—Painted

Size	per 100	Postpaid per 100	per 500	Postpaid per 500
4 inch .....	\$ .35	\$ .42	\$1.35	\$1.45
5 inch .....	.45	.52	1.60	1.70
6 inch .....	.50	.57	2.10	2.20
8 inch .....	1.20	1.30	5.20	5.35
10 inch .....	1.70	1.80	7.75	7.85
12 inch .....	2.00	2.10	9.25	9.35

TREE LABELS

3 1/2-inch wood, wired, for trees, shrubs, etc.; per 100, 45c, postpaid, 52c; 500, \$1.90, postpaid, \$2.00; 1000, \$3.00, postpaid, \$3.62.

PLANT STAKES

Light, Round, Painted Green

Size	per doz.	Postpaid per doz.	per 100	Postpaid per 100
12 inch .....	10c	18c	50c	65c
18 inch .....	15c	35c	75c	95c

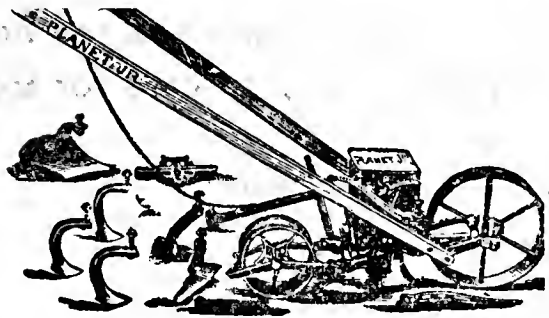
RAFFIA

**RAFFIA**—For tying plants; also used for basket making. Natural color only. Per lb., 35c, postpaid, 47c.



PLANET JR. GARDEN TOOLS

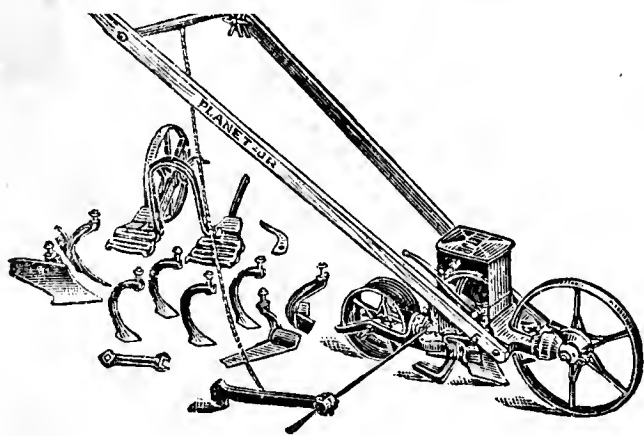
These Five Planet Jr. Garden Tools Will Meet the Need of Practically Every Garden



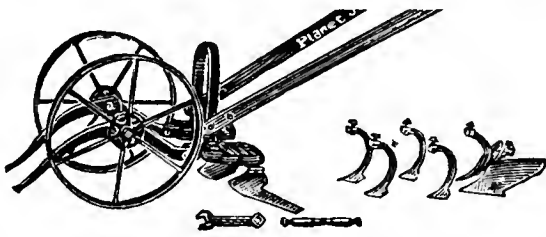
No. 4—Planet Jr., Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow—Price complete (weight 50 lbs.) .....\$18.00

No. 4D—As a Seeder Only—(Holds 2½ quarts of seed)—(weight 41 lbs.) .....\$14.25

This accurate, durable and easy running tool sows all garden seeds from the smallest up to peas and beans in hills 4, 6, 8, 12 or 24 inches apart, or in drills at the proper thickness and depth, covers them, and marks out the next row at one passage. No time is lost. No seed is wasted.

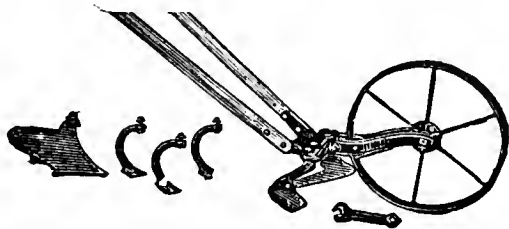


Planet Jr. No. 25—Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow—Holds 2½ quarts (weight 61 lbs.).....\$21.50  
Equipment, one pair 6-inch Hoes, 4 Cultivator Teeth, one pair Plows, two Leaf Guards, one Marker. This is a tool for market gardeners or large family gardens, where both single and double wheel hoes can be used to advantage. The hopper will hold four pounds of onion seed.



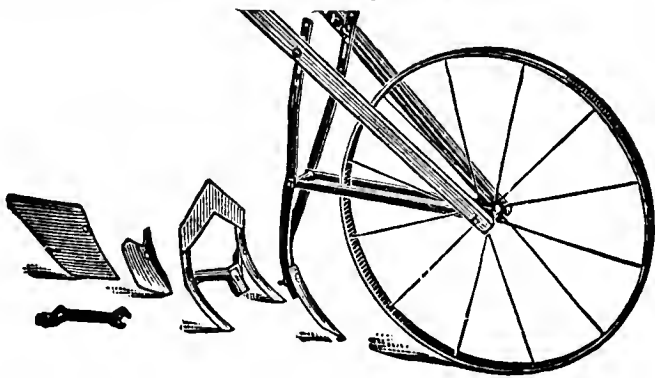
No. 12—Combined Double and Single Wheel Hoe, Cultivator and Plow—Weight, 32 lbs. Price..\$10.75

This tool has one pair Plows, one pair Hoes, four Cultivator Teeth and a pair of Leaf Lifters. The attachments sold with No. 12 are what gardeners use most.



No. 17—Planet Jr. Single Wheel Hoe—Price.....\$7.75

You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch Hoes, a Plow and a set of Cultivator Teeth; an outfit sufficient for most garden work. Weight 22 lbs.



Planet Jr. No. 119—Garden Plow and Cultivator. Price .....\$4.75

Has a strong steel wheel twenty-four inches in diameter, making an easy running tool for any garden work. Equipment: One 1¾-inch and one 4-inch Cultivator Tooth, one Plow and one reversible Scuffle Blade. A very popular machine. Weight, 18 lbs.

EXTRA ATTACHMENTS MAY BE ADDED AS NEEDED

NOTICE—If "Planet Jr. Cultivators" are wanted by Parcel Post add postage—Postage Rates—See P. 139

CULTIVATING ATTACHMENTS FOR PLANET JR. GARDEN TOOLS

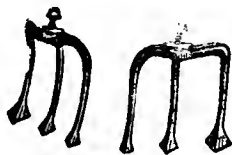
Handles  
Per Pair, \$1.10, postpaid, \$1.20



Plow for Single Wheel Hoe  
\$1.50, postpaid, \$1.65



Cultivator Teeth  
All Steel  
Each, 40c, postpaid, 48c



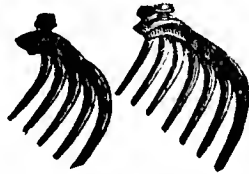
Three-Prong Cultivator Teeth  
Per Pair  
\$1.90, postpaid, \$2.05



Double Mouldboard Plow  
Fits Single Wheel Hoe  
\$2.25, postpaid, \$2.45



L. Hand—6-in.—R. Hand  
\$1.00—Hoes—\$1.01  
Supersedes All Others  
6-inch—per pair  
\$1.50, postpaid, \$1.67



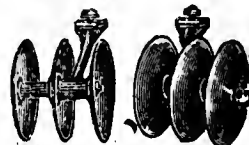
Rakes  
Excellent for Fine Cultivation  
3-tooth, per pair  
\$1.00, postpaid, \$1.10  
5-tooth, per pair  
\$1.60, postpaid, \$1.75  
7-tooth, per pair  
\$2.50, postpaid, \$2.75



Plows for Double Wheel Hoe  
Per Set  
\$1.80, postpaid, \$1.95



5-Prong Cultivating Attachment  
\$1.25, postpaid, \$1.35



Disc Hoes  
Per Pair  
\$3.85, postpaid, \$4.10

NOTICE—IMPORTANT When ordering extras, state number on the broken part, also number of machine.  
The New "PLANET JR." Catalog Mailed Free on Request



# BOOKS that tell you how

to plan your garden, to select flowers and plants, to design gardens and home grounds, to raise vegetables, to control pests, to feed plants, to care for trees.



## WESTERN AMERICAN ALPINES, by I. N. Gabrielson

This book fills the gap in the garden knowledge of the alpine plants of the Pacific Northwest. Only true alpines, rock and desert species, and woodlanders dwarf enough to be valuable in rock gardens, are discussed. There are a generous number of illustrations. 123 illustrations; 271 pages; 5 1/8 x 8 1/2 inches—\$3.50.



## SPRAYING, DUSTING, AND FUMIGATING OF PLANTS, by A. F. Mason

Tells what pests to expect and how to identify and control them, how to choose the right spray materials, how to select spraying and dusting machinery, and every other detail for the successful pest control of fruits, vegetables, and dooryard garden plants. 237 illustrations; 570 pages; 5 1/4 x 8 inches—\$3.00.



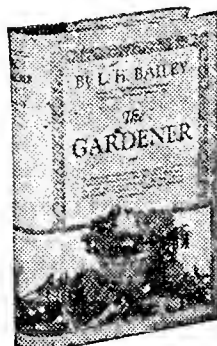
## DAHLIAS, by F. F. Rockwell

Learn to know the different types of Dahlias and their uses in your garden, how to plant and grow them, what fertilizers to use, how to control pests, how to harvest and store the tubers, grow for exhibition, and how to propagate and hybridize. Brief and practical. 65 illustrations; 80 pages—\$1.00.



## EVERGREENS FOR THE SMALL PLACE, by F. F. Rockwell

All the information you need to make the best use of Evergreens is in this handy book, written by one who is himself a home owner and a garden maker. It tells the uses, characteristics, and types of small or dwarf Evergreens, and details of their planting, transplanting, and general care. 67 illustrations; 84 pages—\$1.00.



## GARDEN POOLS: LARGE AND SMALL, by Ramsey and Lawrence

Nothing else can add so much to your garden as a pool, even if it is only a transformed wash tub in the tiniest garden space. How to have one is fully explained in this new book. Its text is so complete and its illustrations are so numerous and practical that you can easily find the type of pool that fits in your garden and learn all about designing, planting and caring for it. 41 illustrations; 122 pages—\$2.50.



## THE GARDENER, by L. H. Bailey

Beginning with A and running through to Z, this book lists and tells how to plant and care for all the common flowers, vegetables, and fruits from the time they are planted through to maturity. Entries are cross-referenced and the book is unusually easy to use. 116 illustrations; 260 pages—\$2.00.

## GLADIOLUS, by F. F. Rockwell

Recommended as "the best brief guide on Gladiolus growing." It tells how to plant, fertilize, and cultivate; how to grow from seed or bulbets; how to harvest and cure; how to handle for cut flowers; and every other detail needed for success with this popular flower. 45 illustrations; 79 pages—\$1.00.



## HOME FLOWER GROWING, by E. C. Volz

A real flower garden encyclopedia! It will teach you how to propagate and cultivate your plants, how to care for, fertilize, and maintain them. It tells how and when and where to grow flowers; what different kinds look like; how to plan indoor, outdoor, rock, and water gardens; how to prepare exhibits for a flower show; how to organize a garden club. 151 illustrations; 364 pages—\$3.50.



## LANDSCAPING THE HOME GROUNDS, by L. W. Ramsey

Step by step, with photographs and plans that make each point clear, this new book shows just how to develop your home grounds for greatest beauty. Each of the 175 illustrations tells a story or teaches an important lesson at a glance. 175 illustrations; 170 pages—\$2.00.



## SHRUBS, by F. F. Rockwell

Here is a brief but complete and usable information on the best ways to improve the beauty and value of your home with Shrubs. Tells what to select for different combinations and effects, and how to plant, water, mulch, prune, and care for Shrubs. 49 illustrations; 76 pages—\$1.00.



## PERENNIAL GARDENS, by H. S. Ortloff

Following the simple directions in this book insures a perennial garden crowded with bloom, in which the colors make a perfectly blended picture. First come plans, showing how to locate and lay out the garden; then clear directions for preparing the soil, fertilizing, planting, cultivating, transplanting and propagation. 18 illustrations; 90 pages—\$1.25.



## ROCK GARDENS, by F. F. Rockwell

Brief, clear descriptions and numerous drawings show just how you can build a rock garden yourself, on a large or small scale and at small cost. The book describes the types of rock gardens, tells what soils, climates, and locations are best, how to construct, and what to plant. 31 illustrations; 86 pages—\$1.00.



ALL BOOKS ARE SENT POSTPAID



SEED SOWING CALENDAR

The alert and wide-awake gardener begins sowing early in the Spring and then sows succession crops throughout the Summer months. The following table is arranged to help the gardener in the sowing of seeds.

March	April	May	June	July
<b>Sow in Hotbed</b> Early Beets Brussels Sprouts Early Cabbage Forcing Carrot Cauliflower Celery Eggplant Kohl Rabi Lettuce Parsley Pepper Radish Tomato Broccoli	<b>Sow in Hotbed</b> Cucumber Eggplant Melon Pepper Tomato  <b>In Open Ground</b> Asparagus Beets Brussels Sprouts Beans Early Cabbage Carrot Cauliflower Celery Cress Kohl Rabi Lettuce Onion Parsley Parsnip Peas Potatoes Radish Spinach Early Turnip	<b>In Open Ground</b> Artichoke Asparagus Beans, Bush and Running Beets Brussels Sprouts Carrot Cauliflower Celery Sweet Corn Cress Cucumber Kohl Rabi Leek Lettuce Melon Onion Parsley Parsnip Peas Potatoes Radish Salsify Spinach Early Turnip	<b>In Open Ground</b> Beans, Lima and all other sorts Beets Broccoli Brussels Sprouts Late Cabbage Carrot Cauliflower Sweet Corn Cress Cucumber Endive Kale Kohl Rabi Lettuce Melon Nasturtium Early Peas Potatoes Pumpkin Radish Salsify Spinach Squash Herbs Turnip	<b>In Open Ground</b> Beans Beets Carrot Corn Salad Cress Cucumber Endive Kale Kohl Rabi Lettuce Early Peas Pumpkin Radish Spinach Turnip  <b>August</b> <b>In Open Ground</b> Corn Salad Endive Lettuce Early Peas Radish Spinach Early Turnip Onions

The New  
ROSE BLAZE  
Is the Sensation  
of the Year  
See Page 22

PARCEL POST RATES WITHIN THE UNITED STATES

PARCEL POST RATES Within the United States	First pound or fraction	Each additional pound or fraction
First Zone within 50 miles of Helena.....	8c	1½c
Second Zone within 50 to 150 miles.....	8c	1½c
Third Zone within 150 to 300 miles.....	9c	2c
Fourth Zone within 300 to 600 miles.....	10c	3½c
Fifth Zone within 600 to 1000 miles.....	11c	5½c
Sixth Zone within 1000 to 1400 miles.....	12c	7c
Seventh Zone within 1400 to 1800 miles..	14c	9c
Eighth Zone all over 1800 miles.....	15c	11c

The limit of weight for all Zones is 70 pounds. Articles measuring more than 7 feet in length and girth combined cannot be shipped by parcel post.

IF YOU DO NOT KNOW WHICH ZONE RATE APPLIES, CONSULT YOUR POSTMASTER

**FORWARDING SERVICE** — We pay postage charges on all orders for vegetable and flower seeds, provided the order calls for packets, ounces, quarter pounds and pounds. Also plants, shrubs and trees are prepaid. Agricultural seeds, fertilizers and other heavy and bulky goods are sent by express or freight at purchaser's risk.

Plant orders should be separated from seed orders, as they are usually filled and shipped separately.

From the fourth to the eighth zone, shipments weighing 10 pounds or more usually go as cheaply by express. Any weight up to 40 pounds in the first and second zone and 22 pounds in the third zone will usually go just as cheaply by parcel post as by express or freight.

If Special Delivery is wanted an additional 15c is required on packages weighing up to two (2) pounds—25c on packages weighing more than two (2) pounds and up to ten (10) pounds—35c on packages weighing more than ten (10) pounds, which also includes special handling and transportation as first-class mail.

Parcel Post charges where named are for shipment up to and including the third zone; for other zones, please add additional postage.

Postage rates to Canada or other Foreign Countries are 14c a pound or fraction thereof.

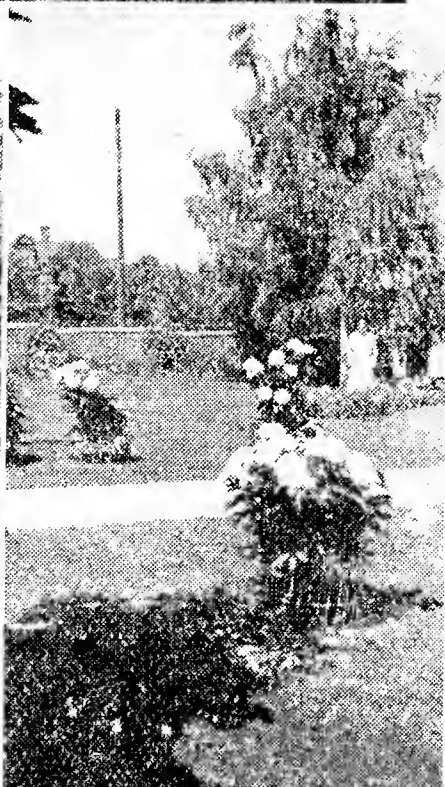
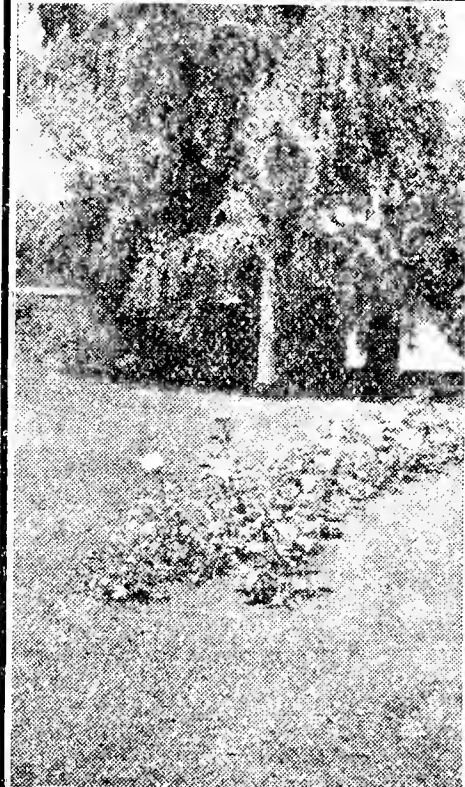
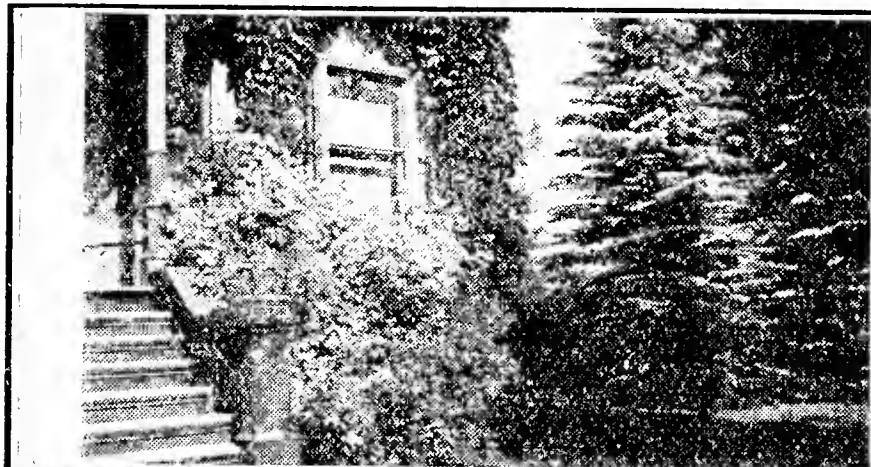
AVERAGE TIME REQUIRED FOR MATURITY OF DIFFERENT GARDEN CROPS  
RECKONED FROM THE DAY OF PLANTING THE SEED

Beans, Bush .....	45 to 65 days	Corn .....	70 to 120 days	Radish .....	25 to 35 days
Beans, Pole .....	65 to 75 days	Eggplant .....	135 to 150 days	Squash, Summer..	60 to 65 days
Beet, Table .....	55 to 65 days	Lettuce, Heading	55 to 65 days	Squash, Winter....	125 days
Beets, Stock .....	130 to 150 days	Melon, Water .....	125 to 140 days	Tomato .....	135 to 150 days
Cabbage, Early ....	90 to 105 days	Melon, Musk .....	120 to 140 days	Turnip .....	50 to 70 days
Cabbage, Late.....	125 to 150 days	Onion .....	130 to 150 days	Spinach .....	30 to 60 days
Cauliflower .....	85 to 100 days	Pepper .....	130 to 140 days		

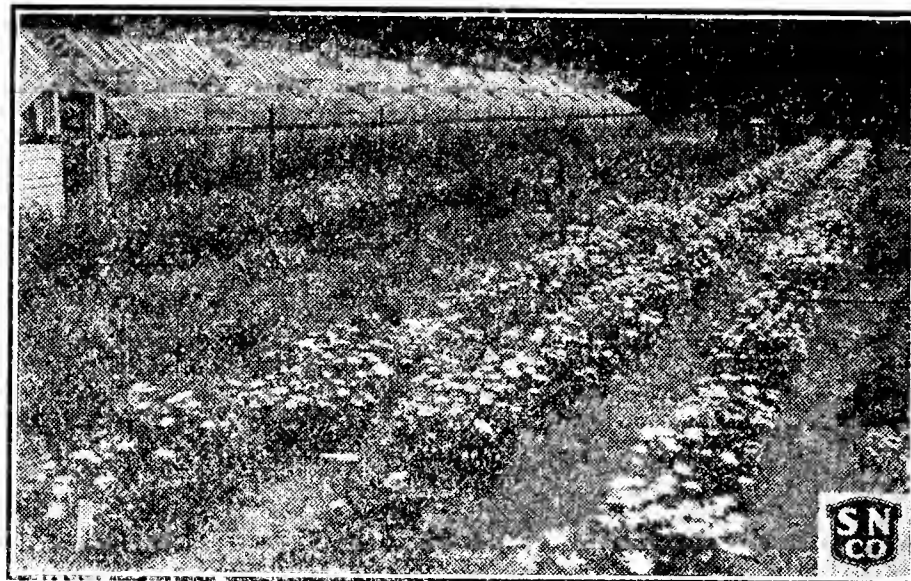
NUMBER OF PLANTS PRODUCED FROM AN OUNCE OF SEED				NUMBER OF PLANTS TO THE ACRE			
Plants		Plants		Distance Apart		No. of Plants	
Asparagus ..about	300	Kale .....	about 2,000	1 foot by 1 foot.....	43,560	3 feet by 3 feet.....	4,840
Broccoli .....	2,000	Leek .....	1,000	1½ feet by 1½ feet.....	19,360	4 feet by 4 feet.....	2,722
Cabbage .....	2,000	Lettuce ....	3,000	2 feet by 1 foot.....	21,780	5 feet by 4 feet.....	2,178
Cauliflower..	2,000	Pepper ....	2,000	2 feet by 2 feet.....	10,890	5 feet by 5 feet.....	1,742
Celery .....	3,000	Tomato ....	3,000	2½ feet by 2½ feet.....	6,969	6 feet by 6 feet.....	1,210
Eggplant ....	1,000	Sage .....	1,000	3 feet by 2 feet.....	7,600	8 feet by 8 feet.....	680
Endive .....	3,000	Thyme ....	5,000				

Have You Included New Guinea Gold, Marigold and Golden Gleam Nasturtium With Your Order?





**7 Views Around a  
Helena Home, Land-  
scaped by Us, with  
our Hardy and  
Adaptable Nursery  
Stock**



**Field Clumps of Shasta Daisies Growing  
at Our Nursery**

## OUR LANDSCAPE DEPARTMENT

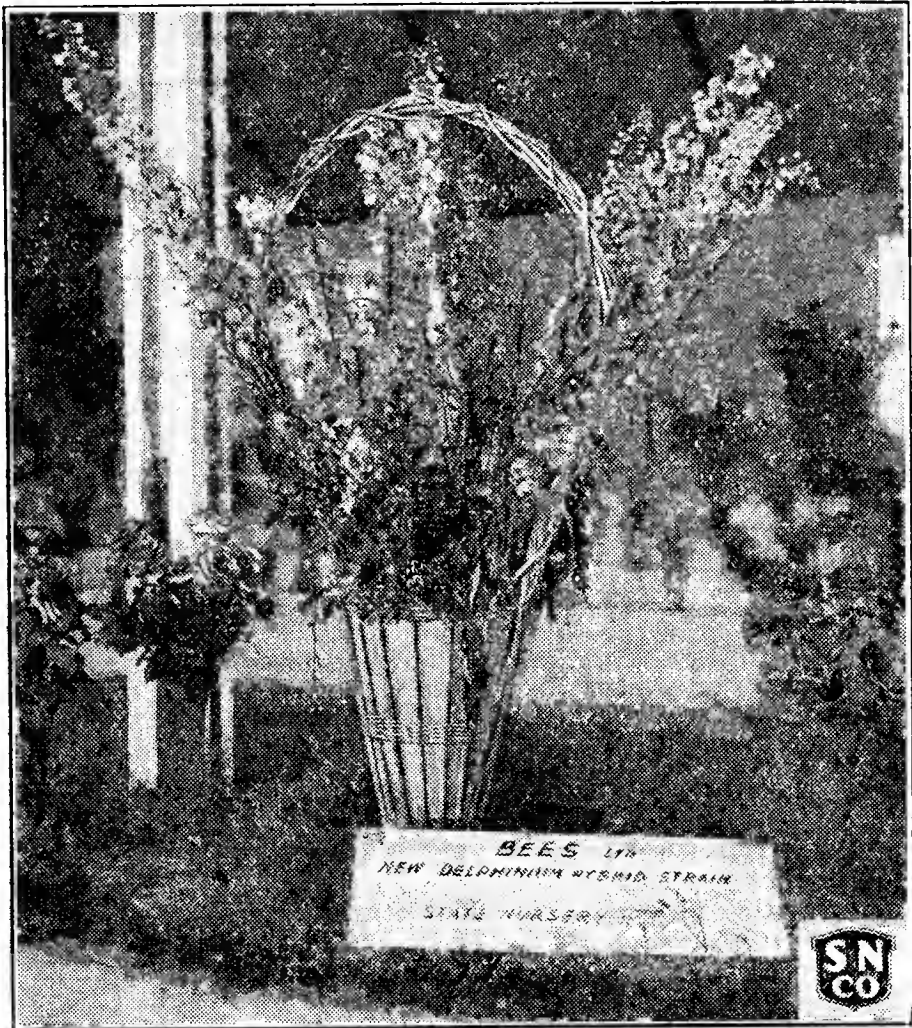
is prepared to do landscaping on a large or small scale and we will be glad to help plant and beautify your property.

The seven views at the left show a Helena home and its grounds which were landscaped by us.

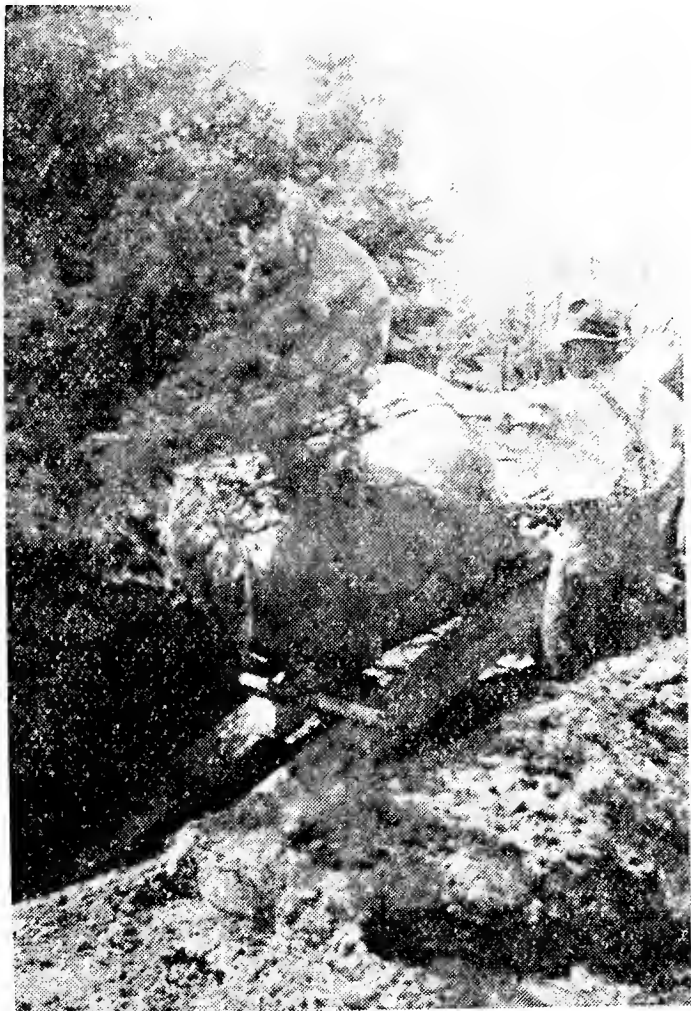


**A view showing a portion of our Seed Testing  
Grounds. "Our Peerless Seeds Must Pass  
the Acid Test"**

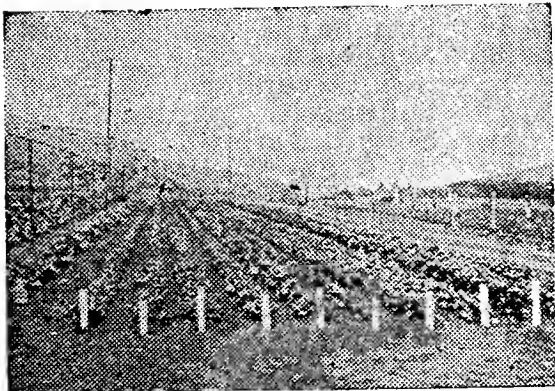




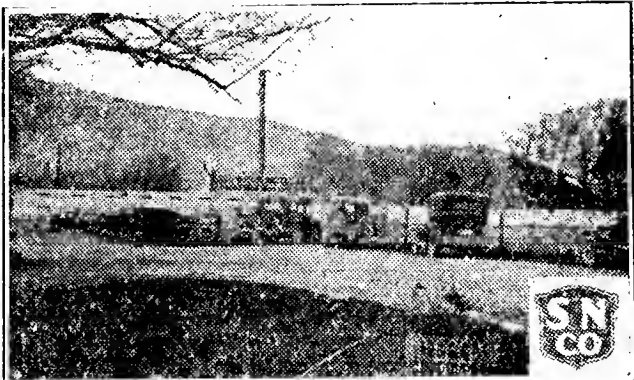
Our First Prize Exhibit of Our New Bees  
Delphinium in Montana State Fair, 1932



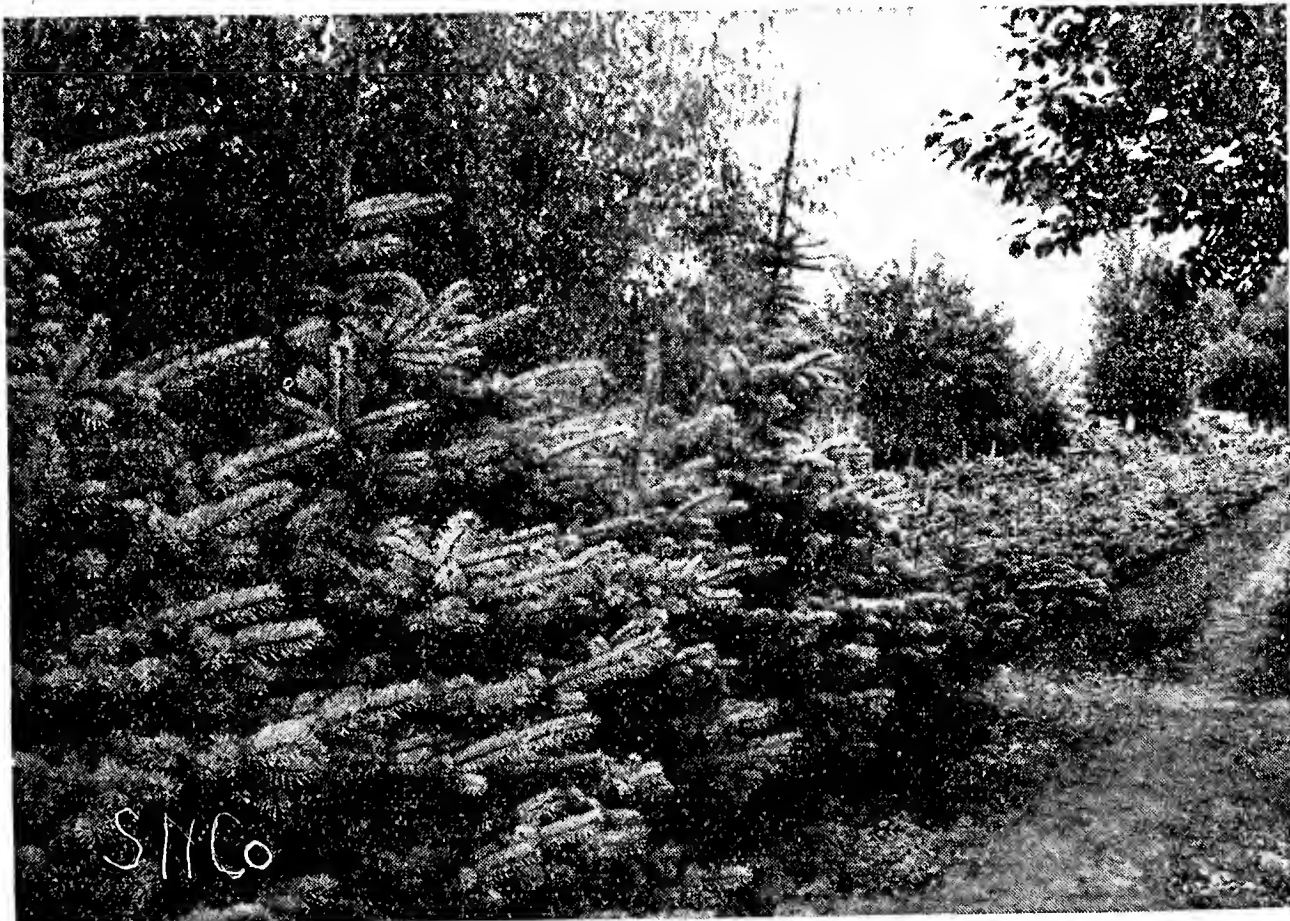
Moving a Large Specimen Blue Spruce  
at Our Nursery



Views in Our Seed Testing Grounds



Visitors at the Nursery  
(Our Best Advertisers)



Some Specimen Blue Spruce Growing in Our Nursery

VISITORS  
ARE ALWAYS  
WELCOME  
at our  
NURSERY  
GREENHOUSES  
TRIAL GROUNDS  
STORE AND SEED  
HOUSE

The Highways Are  
Splendid  
Drive Over and Have a  
Visit with Us



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TO OUR CUSTOMERS: We are greatly interested in the garden and farm work in which our customers are engaged. It is always a pleasure to hear of their problems and to be of service when the need demands.

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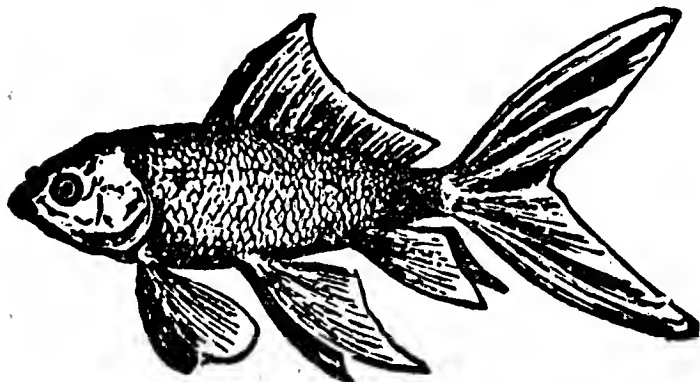
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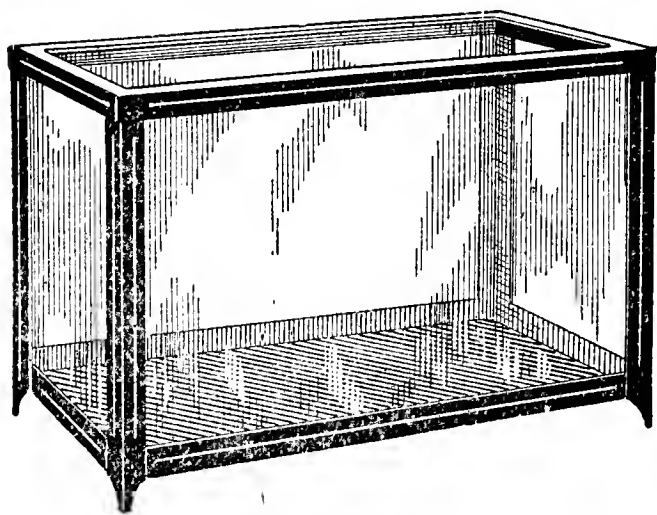
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Common Goldfish



1 1/2-Gal. Aquarium

FISH AND TURTLE FOOD

- Natural Fish Food—1-oz. box, 15c each; 4-oz. box, 35c.
- Spratt's Zeke — (For turtles), 15c a package.
- Dobelman's Fish Parasiticide Remedy (antidiscrassicum), per bottle, 15c.
- Fish and Turtle Food prepaid.

FISH MOSS

Fish Moss — Generates oxygen in the waret, acts as a food for the fish and adds a natural beauty to the bowl or tank.

Per bunch, 25c, postpaid, 30c.

All items from Castle Ornaments down to Aquariums postpaid.

GOLDFISH AND AQUARIUMS

Shipments are made throughout the year with the exception of the hot Summer months.

ALL FISH, AQUARIUMS AND SUPPLIES ARE SHIPPED BY EXPRESS, CHARGES COLLECT

Goldfish should never be changed suddenly from water of one temperature to that of another. Feed lightly about twice a week. We recommend our Natural Fish Food.

PRICES OF DIFFERENT SPECIES OF FISH

- Common Goldfish, 2 to 4 inches long, each 25c and 50c.
- Japanese Fantails, 75c to \$2.00 (ask for special prices on 1, 2 and 3-year-old fish of this species).
- Chinese Moors (black with telescope eyes), \$1.00, \$1.50 and \$2.00 each.
- Chinese Telescope (gold and silver), \$1.00, \$1.50 and \$2.00.
- Shubunkins (fancy scaleless fish of variegated colors originating in Japan), \$1.00 and \$1.50 each.
- Write for prices and description of other fancy and improved Japanese fish such as Ruikin, Oranda, Lionheads, Calico, and Telescope Fantails (Demekin), etc.

SCAVENGERS

Scavengers are important in taking care of the wastage of the aquarium.

- Tad Poles—(Giant Gray), 15c each.
- Snails—15c each.
- Geographical Turtles—35c each.
- Water Lizards—35c each.
- All above items shipped express collect.

SHIPPING CONTAINER AT COST—30c EXTRA

- Castle Ornaments—Assorted sizes from 25c to 75c each.
- Aquarium Balls—Another aquarium ornament brilliantly colored with small opening in which sprays of moss may be inserted. Small, 15c; large, 25c.
- Mermaids and Bathing Girls—Unique aquarium ornaments, 25c, 50c, 75c, \$1.50.
- Fisher Boys—An interesting decoration for square aquariums; cannot be used on bowls. Small, 35c; large, 60c.
- Aquarium Cement—60c per pound.
- Dipnet—For removing and transferring fish from aquariums; 30c each.
- Sea Shells—Brilliant and fast colors; 20c per box.
- Pearl Chips—Natural colors; 20c a box.
- White Silica Sand—Per box, 25c.
- Rubber Siphons—For emptying aquariums; complete with attachments, \$1.50.
- Artificial Water Hyacinths—15c.

PRICES OF AQUARIUMS AND BOWLS

Shipping Crate 50c extra—Not Prepaid

Size	Price	Size	Price
Drum Aquarium, 1 qt.....	\$ .35	Squat Bowl, 1 gal.....	\$1.00
Drum Aquarium, 2 qt.....	.50	Flat Bowl, 2 gal.....	2.25
Drum Aquarium, 1 gal.....	1.00	Flat Bowl, 1 gal.....	1.00
Drum Aquarium, 2 gal.....	2.00	Flat Bowl, 1 gal. (green)	1.25
<b>Nickeloid Aquariums</b>			
Long	Wide	Deep	Gals. Price
14 inches	6 1/2 inches	9 inches	3 1/2 \$ 6.50
16 inches	8 1/2 inches	10 inches	6 8.50
18 inches	10 1/2 inches	11 inches	9 10.00



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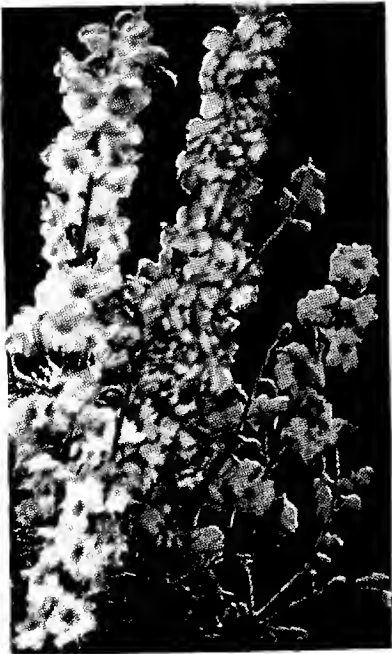
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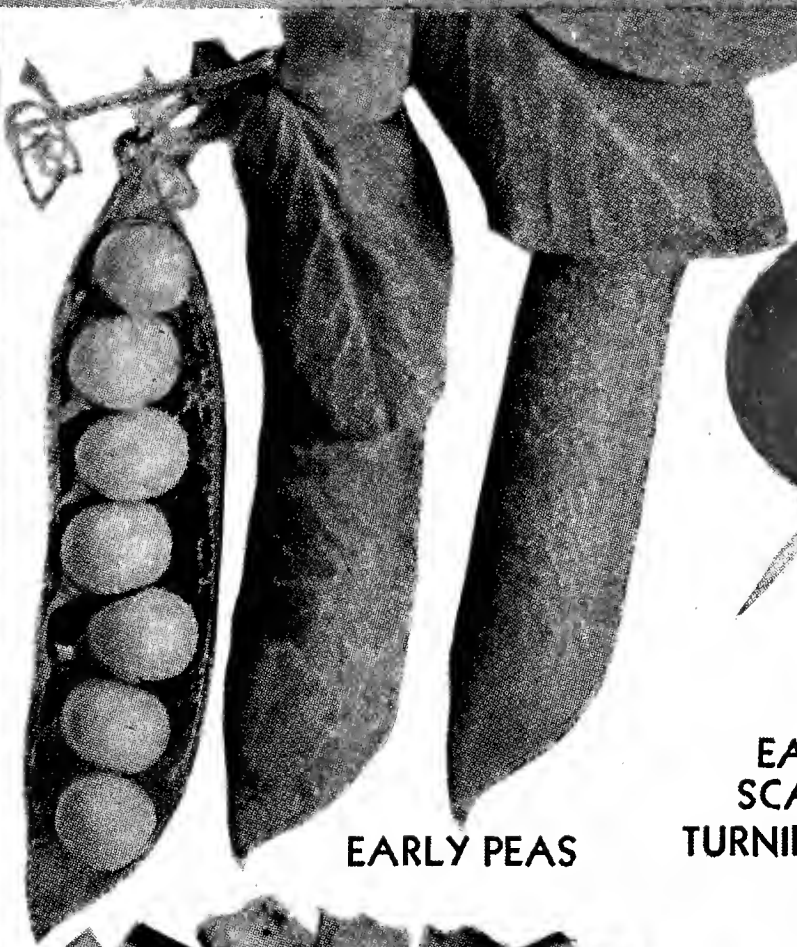
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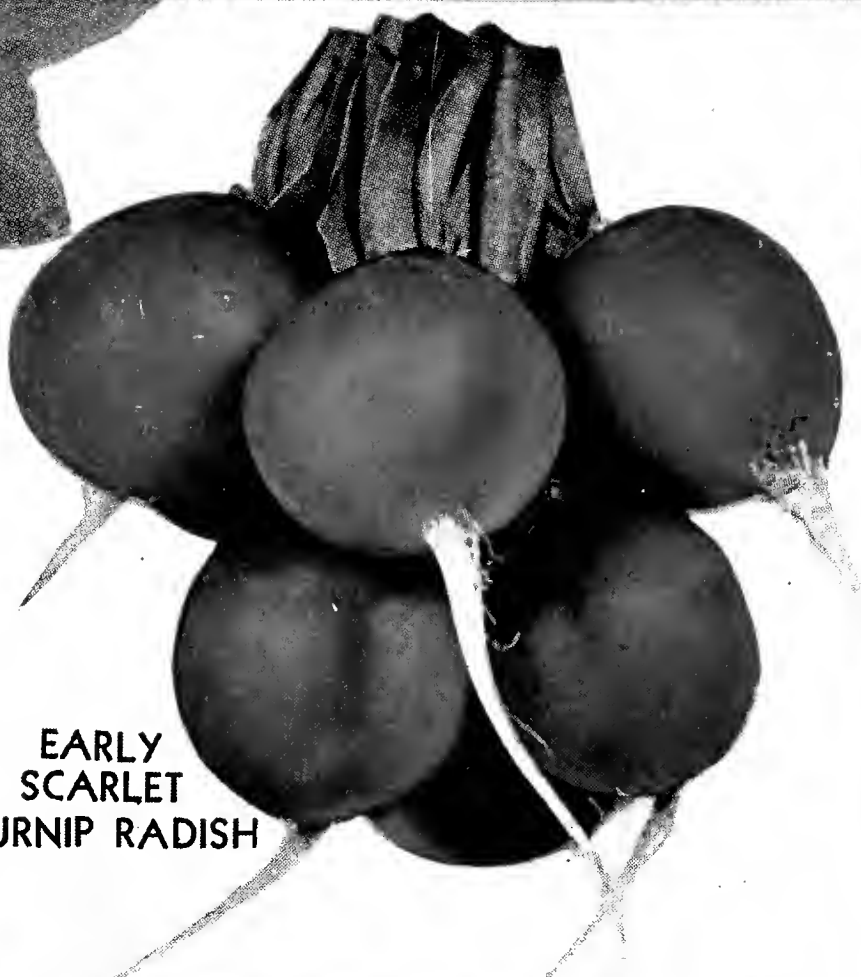
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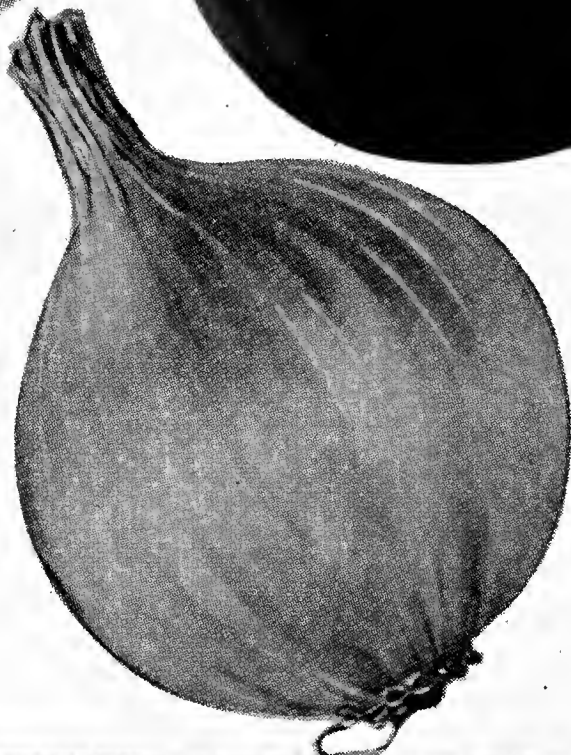
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